Terminal blocks
Catalogue 1

Terminal blocks — Universal range
Application range
Installation
Standards and definitions

Appendix — **Index** — Index Type / Index Order No.
Addresses worldwide

Extra efficiency in planning, installation and operation

Klippon® Connect provides you with added value at all stages

Panels are key elements of many industrial applications. They transmit signals, control data and distribute power – sometimes under the most adverse of conditions, such as vibrations, dust, cold or extreme heat. What is more, they have to be individually designed and built to suit the requirements and the industries they will be used in. All of the steps in the panel building process are key to increasing efficiency in the long term and exploiting potential for optimisation.

As your partner in Industrial Connectivity, we consider panel building to be an integrated process – from planning through installation to operation. The result is solutions that support products and processes to offer you added value at all stages. Klippon® Connect, our terminal block range, is the best example of this, given that it is another pioneering solution in the field of industrial connectivity.

Our promise

With Klippon® Connect, you benefit from productivity gains throughout the entire panel building process. These include time-saving planning and project planning, faultless wiring and faster marking operations, for example.

Achieving greater productivity one step at a time

Every panel building process starts at the planning stage. It is here that the foundations for optimum set-up are laid. Once there is a plan in place, preparatory work and installation can start. The panel components are marked, wired and checked. The fully installed panel can then be put into operation. To ensure that you achieve the greatest possible level of efficiency in this process, we have continuously examined the optimisation potential of the individual phases of planning, installation and operation and how they interlink with one another. The result is innovative products and services that support you at all the stages of the panel building process.

Up to 75 percent engineering

- Faster planning with the Weidmüller Configurator
- Error-free configuration through compatibility checks on products and accessories
- High level of transparency throughout the entire process thanks to linked data models
- Easy creation of product documentation

High wiring density with maximum ease of installation

- Noticeably faster wiring with PUSH IN technology
- All product functions can be clearly distinguished
- Flexible potential distribution thanks to various cross-connection options
- Faster marking thanks to endless marker strip and large marking surfaces

Higher availability during operation in the long term

- Simpler testing procedure thanks to integrated test point
- Hot rewiring possible without special tools thanks to PUSH IN technology with pushers
- Gas-tight and vibration-resistant connections for interference-free operation
- Flexible, simple modification and extension

Solutions for more productivity

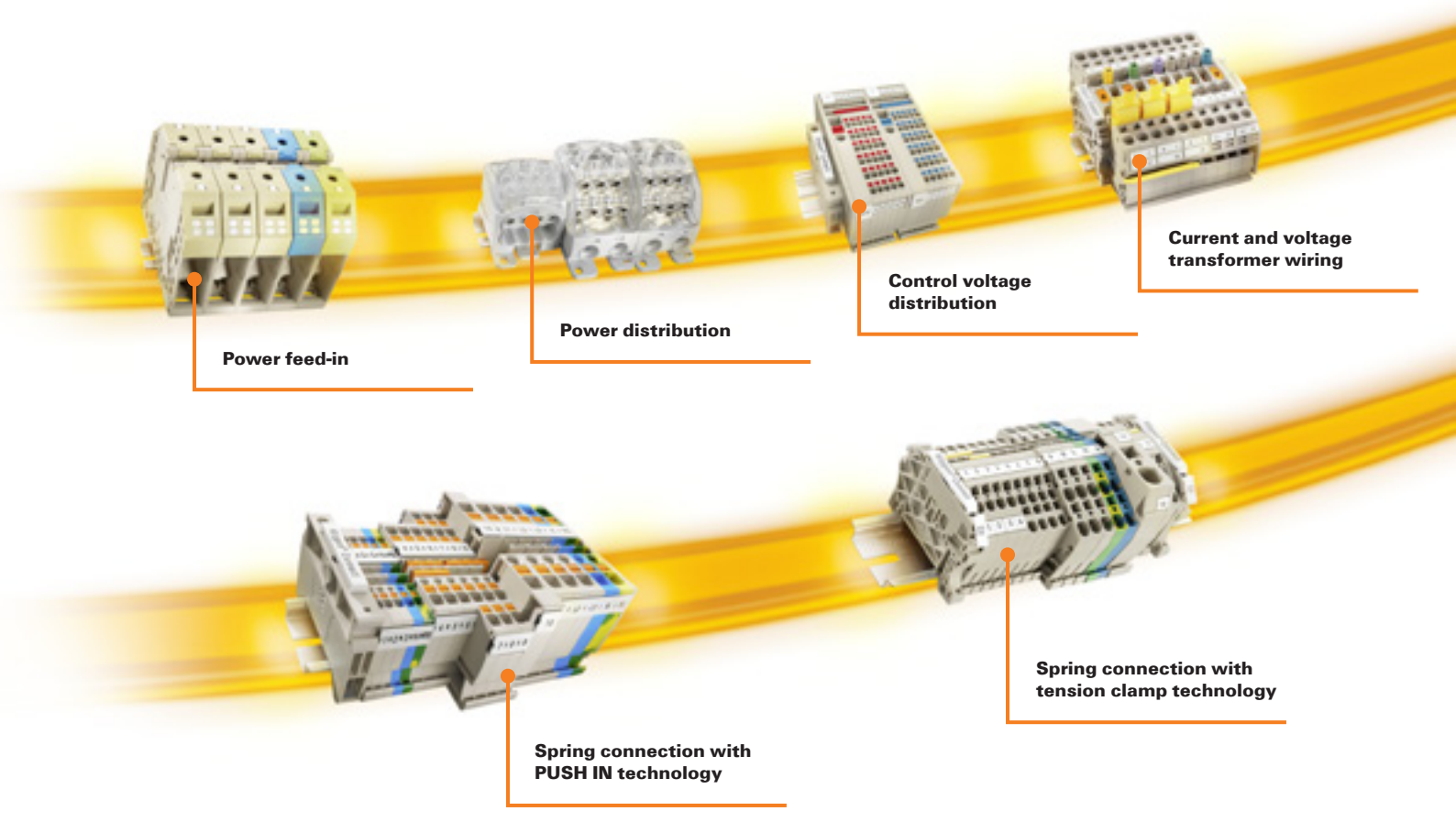
Extremely flexible process design – with Klippon® Connect

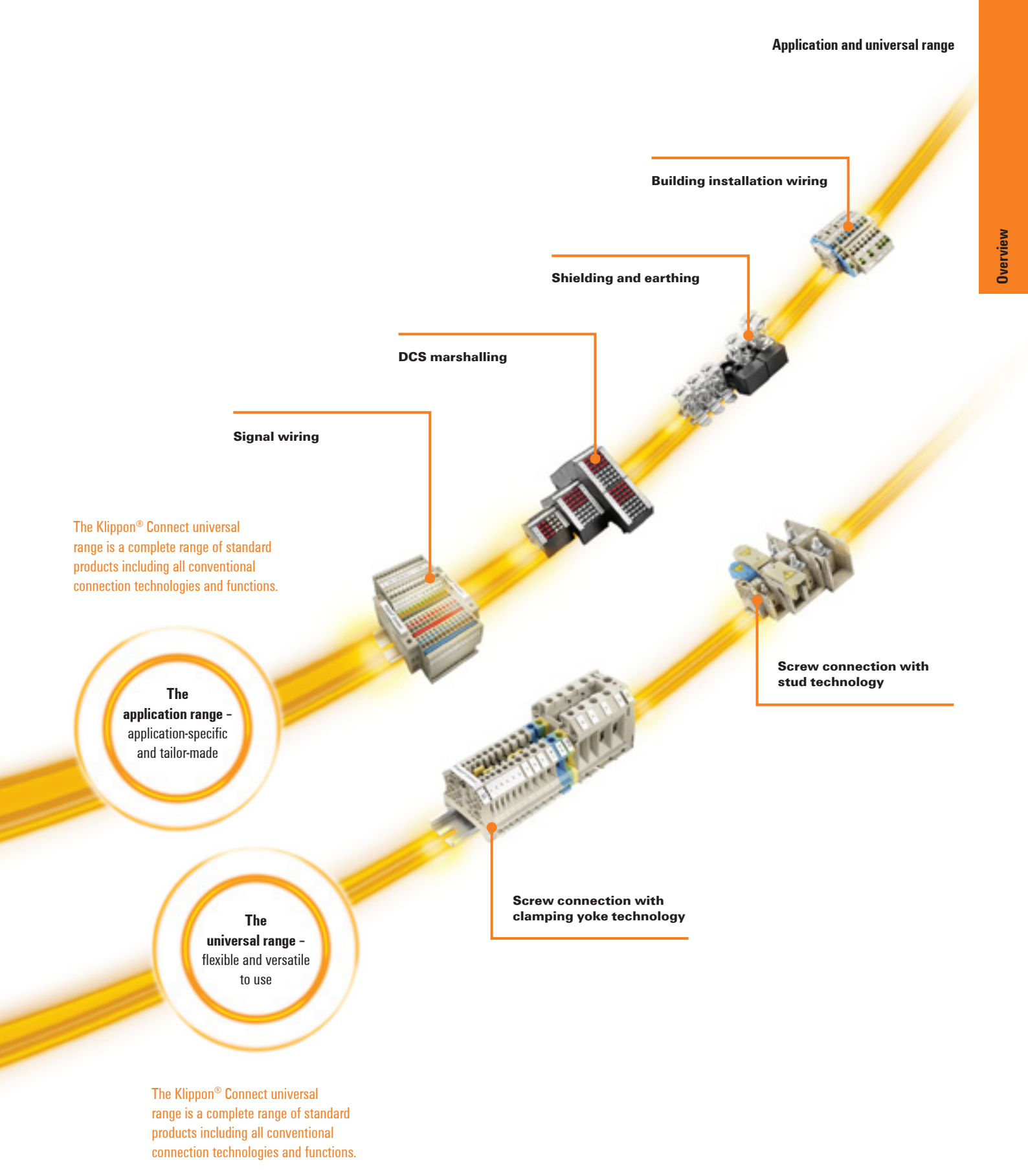
Whether it is simple handling, more space in the panel or time saving on installation: Klippon® Connect offers numerous benefits for your process. In line with our range of terminal blocks, we can offer you an application range and a universal range. The particular requirements determine which is the most suitable.

Often, standardisation enables the right solution to be found with our sophisticated, function-oriented universal range. It provides you with practical product features. For recurring application fields, such as control voltage distribution or signal wiring, we offer you the ideal solutions with our application range. Thanks to the high level of application focus, these solutions really do help increase productivity, efficiency and safety. And when tailored configuration is required, our customer-specific assembly service is available.

Our promise

With Klippon® Connect, we offer a comprehensive range of terminal blocks for high levels of productivity in your panel applications.





The Klippon® Connect universal range is a complete range of standard products including all conventional connection technologies and functions.

The application range – application-specific and tailor-made

The universal range – flexible and versatile to use

The Klippon® Connect universal range is a complete range of standard products including all conventional connection technologies and functions.

From intelligent item data to the finished panel

Weidmüller Configurator: simpler configuration and ordering

Digital information is becoming increasingly important during product development. Starting with the product selection, configuration and creation of a virtual prototype through to the automated production and installation, end-to-end available data models are a cornerstone of digital production. This requires standardised product data and interfaces between the energy tools networked together and integration into the corporate IT environment. The "Weidmüller Configurator" software forms the ideal basis for end-to-end transparent panel planning.

Our promise

The Weidmüller Configurator speeds up panel planning by up to 70 percent, thus increasing productivity. You can benefit from high levels of data transparency and availability throughout the entire engineering process.

Integrated digital planning – quick and simple

Provision of intelligent item data
The product data from the software provide comprehensive support in configuration and can be fully integrated into all conventional engineering tools. The complete data transparency and availability across all process phases are a basic prerequisite for the implementation of Industry 4.0 in future panel building.

Simple and secure labelling
The Weidmüller Configurator enables virtually labelling of your whole project. Thanks to direct interfaces to CAD programs and the M-Print® PRO labelling software, you can plan and label your components in a single step.

Always the right configuration
The automatic filter function provides active assistance in putting together terminal blocks by preventing and automatically correcting incorrect assemblies. You can only add selected fitting accessories to your current configuration. This makes planning easier and saves a huge amount of time. At the same time, you can benefit from seamless documentation of your assembled terminal rails.

Fast and simple product enquiry
Once you have found your perfect combination, you can enquire about the components directly from the software – either as individual components or as a pre-assembled complete solution on a DIN rail which then only needs to be fitted to the mounting plate.

Get started online now!
The Weidmüller Configurator makes configuration easy. Visit our website and make the most of the wide range of benefits for your engineering process.

Full information on the software can be found here:
www.weidmueller.com/configurator

Tailor-made terminal strips

Flexibly designed to suit your requirements

Your processes in panel building have to be fast, flexible and productive. This is the only way you can cut your costs and increase efficiency. Depending on the application in question, you will have different requirements with respect to the engineering service, delivery speed and flexibility to be provided.

From ready-specified strips that are immediately available from stock, through simple configurations with a short delivery time, to complex solutions with a high engineering requirement, we can respond flexibly to your needs. Simply talk to our sales staff, so that, together, we can head off in the right direction for your project.

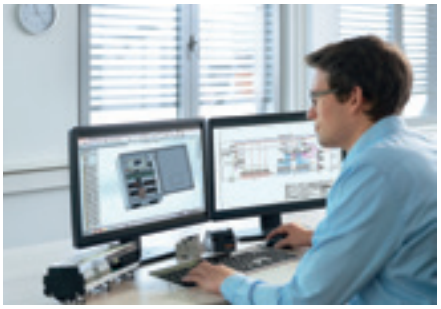
Our promise

We believe that custom work is the perfect interaction between the product and the service. Both of these elements combine to form a single unit that guarantees the very best quality and thus satisfied customers, even when it comes to the terminal strips.

Working towards a customer-specific solution

1.

Defining the task
We support you right from the start:
- Actual analysis
- Project definition



2.

Advice
Individually to suit your needs:
- Over the phone and on site
- Application-specific product selection
- In-depth dialogue

Product and service – perfectly coordinated to one another
However your product is designed, at the end of the day you can rest assured that you are using the best solution. Simply tell us what you would like, and we will make it happen:

- Selection of materials for the terminal rails: steel, stainless steel, aluminium or plastic
- Machining the terminal rail: cutting, punching and attaching a wide range of different mounting aids
- Assembling the terminal strips with snap-on components (terminal blocks and electronic products, as well as additional products from other manufacturers as required)
- Establishing cross-connections
- Fitting standard conductors
- Marking terminals, devices, conductors and cables

Your turnkey customised solution

3.

Application-specific development
The foundation for your success:
- Joint solution development
- Bespoke configuration
- Sample production

4.

Production, logistics, documentation
Everything from a single source:
- Production technology
- Inventory management
- Comprehensive documentation as per the customer's requirements

Service connects
You will find information about other services from Weidmüller at:
www.weidmueller.com/service

Universal range

Universal range

Connection technologies A.2

Spring connection with PUSH IN technology (A-Series) A.4

- Feed-through terminal blocks A.6
- PE terminal blocks A.14
- Test-disconnect terminal blocks A.18
- Pluggable terminal blocks A.22
- Accessories A.26

Spring connection with PUSH IN technology (P-Series) A.28

- Feed-through terminal blocks A.30
- PE terminal blocks A.38
- Fuse terminal blocks A.44
- Test-disconnect terminal blocks A.46
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Spring connection with tension clamp technology (Z-Series) A.54

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- PE terminal blocks A.90
- Fuse terminal blocks A.108
- Test-disconnect terminal blocks A.120
- Pluggable terminal blocks A.124
- Terminal blocks with electronic components A.146
- Accessories A.154

Screw connection with clamping yoke technology (W-Series) A.162

- Feed-through terminal blocks A.164
- PE terminal blocks A.192
- Fuse terminal blocks A.204
- Test-disconnect terminal blocks A.224
- Pluggable terminal blocks A.234
- Terminal blocks with electronic components A.242
- Mini terminal blocks for enclosure wiring A.248
- Accessories A.254

Screw connection with stud technology A.264

- Feed-through terminal blocks A.266
- Accessories A.276

Application-oriented wiring

Klippon® Connect always offers the right connection technology

Terminal blocks have to withstand a great deal – day in and day out. In addition to being robust and reliable, they have to be clearly arranged and easy to use. This is the only way to prevent incorrect wiring and ensure reliably safe connections. Any choice of connection technology very much depends on the application in question.

Our promise
Whether you opt for a screw variant or a spring variant, our proven Weidmüller connection systems and the comprehensive Klippon® Connect product range allow you to complete all applications in the panel efficiently and flexibly.

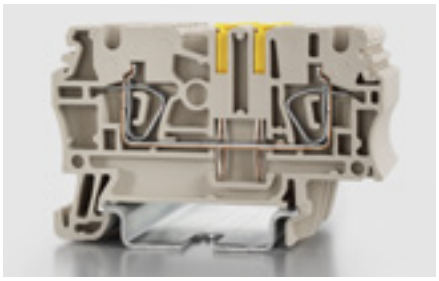
Spring connection with PUSH IN technology

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

Connection sizes:
0.13 mm^2 to 10 mm^2

Connection principle:
With the PUSH IN connection technology, the force on the conductor is generated by a pressure spring made of high-quality, acid-resistant stainless steel. The spring sits in a cage and is automatically opened upon connection. The proven Weidmüller system, which separates the mechanical and the electrical function, ensures both high rated data and high conductor pull-out forces.

Application and areas of use:
PUSH IN technology offers the decisive handling benefit wherever solid conductors or conductors with wire-end ferrules are used. And that is both in machine construction and in building installation.



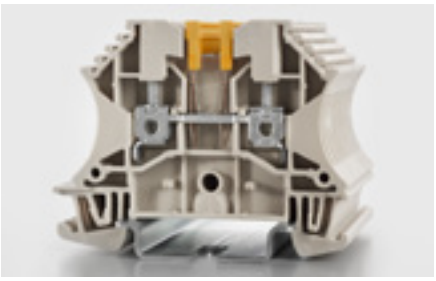
Spring connection with tension clamp technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

Connection sizes:
0.05 mm^2 to 35 mm^2

Connection principle:
The tension clamp system works in a similar way to the proven clamping yoke. The tension clamp made of high-quality, acid-resistant stainless steel pulls the conductor against the galvanised copper current bar. The surface-treated current bar permanently provides a low level of contact resistance and a high level of corrosion resistance.

Application and areas of use:
Its fast wiring times and vibration resistance make tension clamp technology an ideal connection solution in industrial zones such as machine construction, the automotive sector, railway construction and shipbuilding.



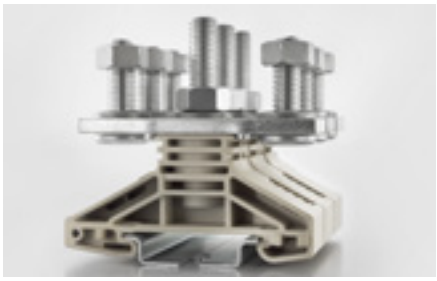
Screw connection with clamping yoke technology

The patented Weidmüller clamping yoke system sets standards. The fact that it is simple to handle makes clamping yoke technology the universal screwed connection solution for all conductor types.

Connection sizes:
0.05 mm² to 240 mm²

Connection principle:
The clamping yoke system combines the specific properties of steel and copper. While the clamping yoke and clamping screw are made of hardened steel, the current is made of copper or high-quality copper alloy. The clamping yoke pulls the conductor to be connected against the current bar. Our clamping yoke system is maintenance-free and guarantees vibration-resistant connections.

Application and areas of use:
The Weidmüller clamping yoke connection is designed to meet the highest demands, such as those encountered in power generation, power measurement, process technology and even switchgear construction.



Screw connection with stud technology

With stud technology, you are relying on an affordable and, at the same time, a safe and robust connection solution for applications in particularly harsh conditions.

Connection sizes:
10 mm² to 300 mm²

Connection principle:
Cable lugs crimped onto the ends of the conductor ensure a secure connection. The cable lugs are put on between the washer on the clamp support and the thrust washer on the stud. The reverse sides of the cable lugs are positioned against one other. Tightening the hexagon nut causes the cable lug flaps to press against one another – thereby creating a secure contact.

Application and areas of use:
Our stud terminals are particularly suitable for use within traffic engineering, since all stud terminals are tested according to International Railway Industry Standards.

Fast wiring. But safe.

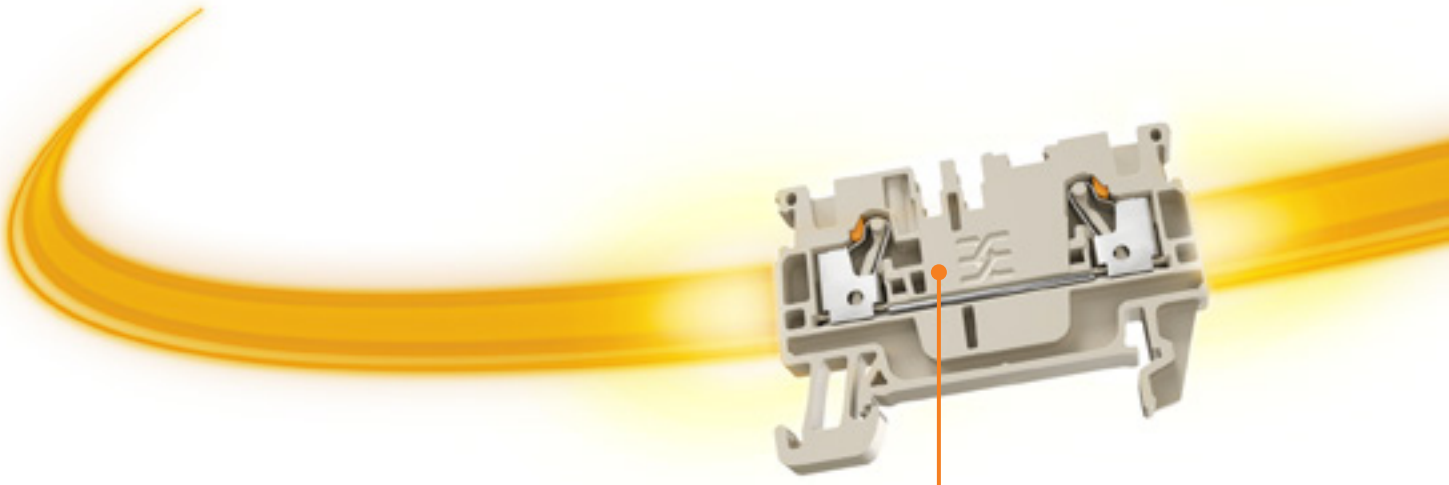
Klippon® Connect enhances your efficiency with PUSH IN technology

Increase your efficiency during installations without compromising on safety. The innovative PUSH IN technology reduces connection times for solid conductors and conductors with crimped-on wire-end ferrules by up to 50 percent compared to tension clamp terminals. The conductor is simply inserted into the contact point as far as the stop and that's it – you have a safe, gas-tight connection. Even stranded-wire conductors can be connected without any problem and without the need for special tools.

Safe and reliable connections are crucial, especially under harsh conditions, such as those encountered in the process industry. PUSH IN technology guarantees optimal contact security and ease of handling, even in demanding applications.

Our promise

Klippon® Connect gives your panel design maximum flexibility thanks to PUSH IN technology. The extremely compact design and simple handling at the same time help to make processes more efficient right from the planning stage.



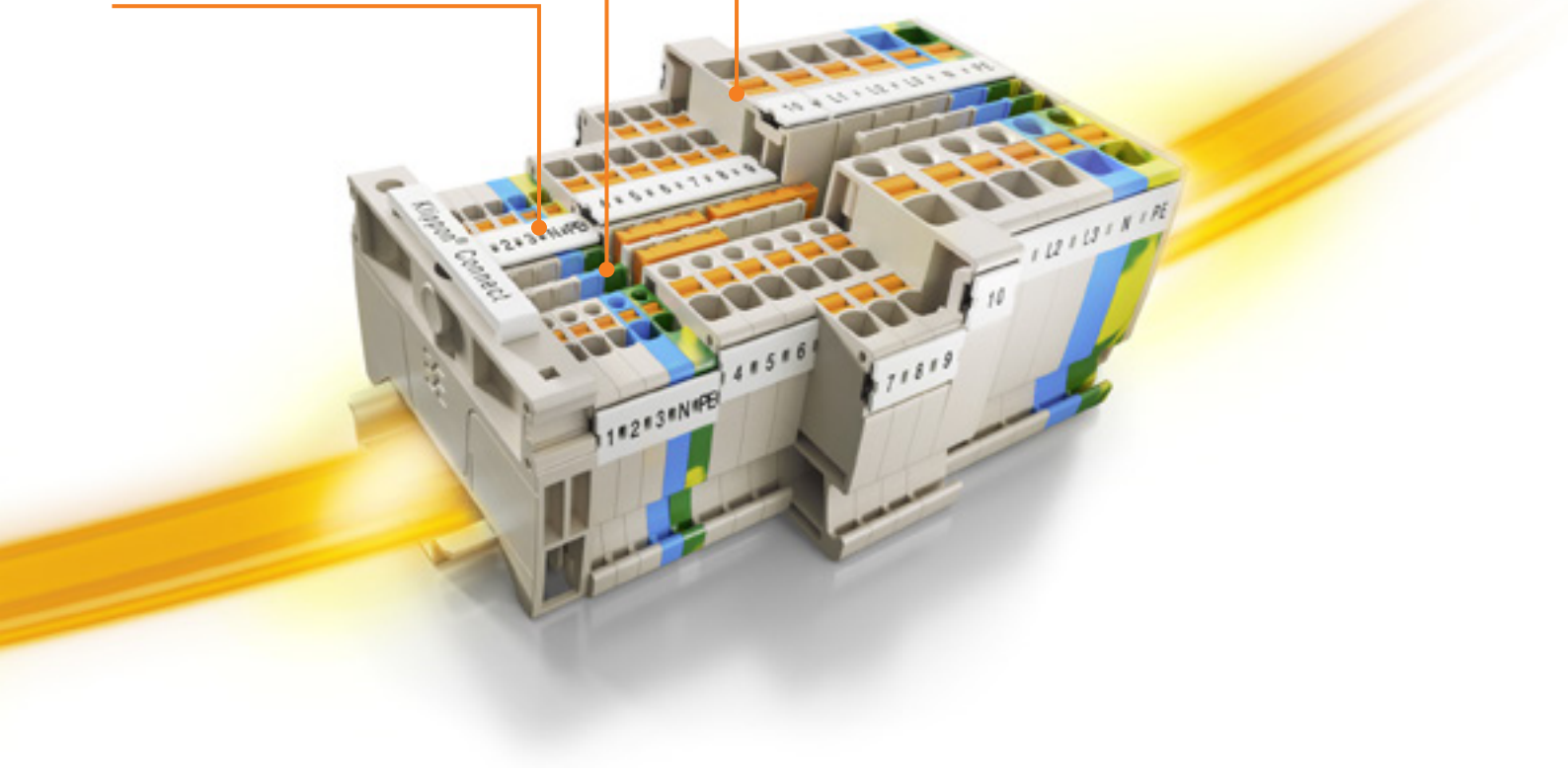
Safety

- Standardised test point
- Optical and physical separation of operation and conductor entry
- Vibration-resistant, gas-tight connection with copper power rails and stainless steel spring

Flexibility
- Release the conductor with any tool
- Large marking surfaces make maintenance work easier
- Clip-in foot compensates for differences in terminal rail dimensions

Time saving
- Mounting foot makes unlatching the terminal block easy
- Clear distinction made between all functional areas
- Easier marking and wiring

Space-saving design
- Slim design creates a large amount of space in the panel
- High wiring density despite less space being required on the terminal rail



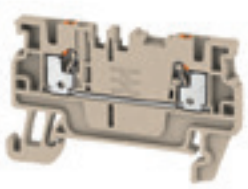
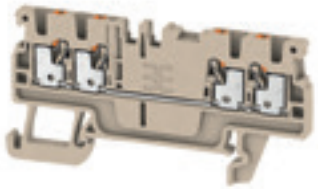
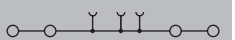
Overview

Thanks to the extensive choice of accessories and the different cross-connection options, our PUSH IN terminal blocks are the perfect solution for every requirement.

Functional transparency:
All of the terminal blocks' functions can be clearly differentiated from one another – thus ensuring safe and efficient maintenance work.

Ready for automation:
A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.

Safely prevent incorrect wiring:
The pusher for releasing the contacts ensures safe contact protection.

	A2C 1.5	A4C 1.5
	1.5 mm²	1.5 mm²
		
Width/Height/Depth mm	3.5 x 55 x 33.5	3.5 x 67.5 x 33.5
max. current / max. cond. cross-section A/mm²	**17.5 / 1.5**	**17.5 / 1.5** 
Max. clamping range mm²	**0.14...1.5**	**0.14...1.5**

Technical data

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500			
Rated current	A	17.5			
for wire cross-section	mm²	1.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A1 / V-0		
Approvals					
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1			
Stripping length / Blade size	mm/-	8 / 0.4 x 2.0 mm			
Note		Approval in progress			

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500			
Rated current	A	17.5			
for wire cross-section	mm²	1.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A1 / V-0		
Approvals					
Clamped conductors (H05V/H07V)					
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Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1			
Stripping length / Blade size	mm/-	8 / 0.4 x 2.0 mm			
Note		Approval in progress			

Ordering data

Version		Type	Qty.	Order No.
	dark beige	A2C 1.5	100	**1552790000**
	blue	A2C 1.5 BL	100	**1552820000**
Note				

Version		Type	Qty.	Order No.
	dark beige	A4C 1.5	100	**1552690000**
	blue	A4C 1.5 BL	100	**1552700000**
Note				

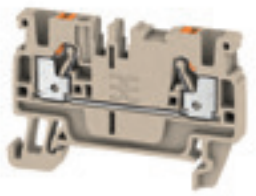
Accessories

Pluggable cross-connection		Type	current	Qty.	Order No.
	2-pole				
	10-pole				
	2-pole	ZQV 1.5N/2	17.5 A	20	**1985410000**
	10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
End plate					
	dark beige	AEP 2C 1.5		50	**1552600000**
	Blue	AEP 2C 1.5 BL		50	**1552610000**
End bracket					
	dark beige	AEB 35 SC/1		50	**1991920000**
	dark beige	ZEW 35		20	**9540000000**
Test adapter					
	1-pole	ATPG 1.5-10 L		50	**1991890000**
	3-pole				
	5-pole				
	stackable	ATPG 1.5 MI-R		50	**1991880000**
Test plug					
		PS 2.0 MC		20	**0310000000**
Screwdriver					
	Standard	SDS 0.4X2.0X60		1	**9037160000**
Identification systems					
		WS 10/3.5 PLUS MC NE WS		960	**2003760000**
		DEK 5/3.5 MM WS		1000	**2007100000**
		WS 8/3.5 MM WS		1000	**2007140000**
		DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

Pluggable cross-connection		Type	current	Qty.	Order No.
	2-pole				
	10-pole				
	2-pole	ZQV 1.5N/2	17.5 A	20	**1985410000**
	10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
End plate					
	dark beige	AEP 4C 1.5		50	**1552640000**
	Blue	AEP 4C 1.5 BL		50	**1552650000**
End bracket					
	dark beige	AEB 35 SC/1		50	**1991920000**
	dark beige	ZEW 35		20	**9540000000**
Test adapter					
	1-pole	ATPG 1.5-10 L		50	**1991890000**
	3-pole				
	5-pole				
	stackable	ATPG 1.5 MI-R		50	**1991880000**
Test plug					
		PS 2.0 MC		20	**0310000000**
Screwdriver					
	Standard	SDS 0.4X2.0X60		1	**9037160000**
Identification systems					
		WS 10/3.5 PLUS MC NE WS		960	**2003760000**
		DEK 5/3.5 MM WS		1000	**2007100000**
		WS 8/3.5 MM WS		1000	**2007140000**
		DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

For detailed information on other accessories and application in the online catalogue	All MultiMark variants (MM) = strip markers	All MultiMark variants (MM) = strip markers

A2C 2.5 — 2.5 mm²



5.1 x 55 x 36.5
24 / 2.5
0.14...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

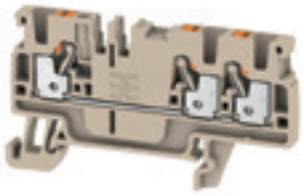
Approval in progress

Type	Qty.	Order No.
A2C 2.5	100	**1521850000**
A2C 2.5 BL	100	**1521880000**

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2C 2.5		50	**1514400000**
AEP 2C 2.5 BL		50	**1514420000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 2.5/3		25	**2041190000**
ATPG 2.5/5		25	**2041180000**
ATPG 2.5 MI-R		50	**1991960000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M MC NE WS		720	**1792000000**

All MultiMark variants (MM) = strip markers

A3C 2.5 — 2.5 mm²



5.1 x 66.5 x 36.5
24 / 2.5
0.14...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

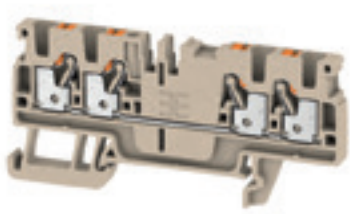
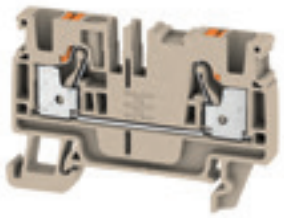
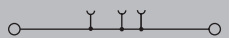
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Approval in progress

Type	Qty.	Order No.
A3C 2.5	100	**1521740000**
A3C 2.5 BL	100	**1521780000**

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 3C 2.5		50	**1521510000**
AEP 3C 2.5 BL		50	**1521520000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 2.5/3		25	**2041190000**
ATPG 2.5/5		25	**2041180000**
ATPG 2.5 MI-R		50	**1991960000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M MC NE WS		720	**1792000000**

All MultiMark variants (MM) = strip markers

		A4C 2.5	2.5 mm²	A2C 4	4 mm²
					
Width/Height/Depth	mm	5.1 x 77.5 x 36.5		6.1 x 60 x 39.5	
max. current / max. cond. cross-section	A/mm²	**24 / 2.5**		**32 / 4**	
Max. clamping range	mm²	**0.14...2.5**		**0.5...4**	

Technical data

Rated data		IEC 60947-7-1				IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	800				800			
Rated current	A	24				32			
for wire cross-section	mm²	2.5				4			
Rated impulse withstand voltage / Pollution severity				8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0				A4 / V-0	
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5				0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5				0.5...4 / 0.5...4			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note		Approval in progress				Approval in progress			

Ordering data

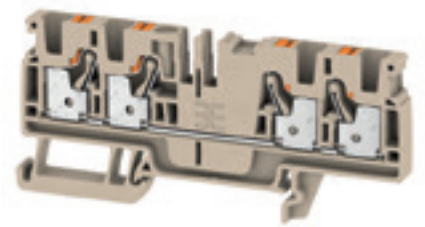
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	A4C 2.5	100	**1521690000**	A2C 4	100	**2051180000**
	blue	A4C 2.5 BL	100	**1521700000**	A2C 4 BL	100	**2051210000**
Note							

Accessories

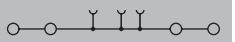
		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection									
	2-pole	ZQV 2.5N/2	24 A	60	**1527540000**				
	10-pole	ZQV 2.5N/10	24 A	20	**1527690000**				
	2-pole					ZQV 4N/2	32 A	60	**1527930000**
	10-pole					ZQV 4N/10	32 A	20	**1528090000**
End plate									
	dark beige	AEP 4C 2.5		50	**1521530000**	AEP 2C 4		50	**2051680000**
	Blue	AEP 4C 2.5 BL		50	**1521640000**	AEP 2C 4 BL		50	**2051690000**
End bracket									
	dark beige	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
	dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter									
	1-pole	ATPG 1.5-10 L		50	**1991890000**	ATPG 1.5-10 L		50	**1991890000**
	3-pole	ATPG 2.5/3		25	**2041190000**				
	5-pole	ATPG 2.5/5		25	**2041180000**				
	stackable	ATPG 2.5 MI-R		50	**1991960000**	ATPG 4 MI-R		50	**1991860000**
Test plug									
		PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver									
	Standard	SDIL 0,6x3,5x100		1	**9042110000**	SDIL 0,6x3,5x100		1	**9042110000**
Identification systems									
		DEK 5/5 PLUS MC NE WS		1000	**1854490000**	WS 10/6 M PLUS MC NE WS		600	**2003780000**
		DEK 5/5 MM WS		800	**2007110000**	DEK 5/6 MM WS		600	**2007120000**
		WS 8/5 MM WS		800	**2007150000**	WS 8/6 MM WS		600	**2007160000**
		WS 10/5 M MC NE WS		720	**1792000000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**

For detailed information on other accessories and application in the online catalogue	All MultiMark variants (MM) = strip markers	All MultiMark variants (MM) = strip markers

A4C 4 — 4 mm²



6.1 x 87.5 x 39.5
32 / 4
0.5...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A4 / V-0		

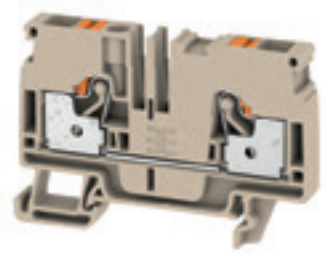
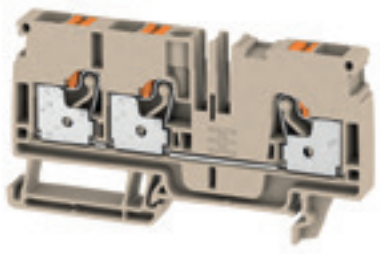
Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Approval in progress

Type	Qty.	Order No.
A4C 4	50	**2051500000**
A4C 4 BL	50	**2051520000**

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
AEP 4C 4		20	**2051900000**
AEP 4C 4 BL		20	**2051910000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 4 MI-R		50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
WS 10/6 M PLUS MC NE WS		600	**2003780000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**

All MultiMark variants (MM) = strip markers

	A2C 6	A3C 6
	6 mm²	6 mm²
		
Width/Height/Depth mm	8.1 x 66.5 x 45.5	8.1 x 84.5 x 45.5
max. current / max. cond. cross-section A/mm²	**41 / 6**	**41 / 6**
Max. clamping range mm²	**0.5...6**	**0.5...6**

Technical data

	A2C 6	A3C 6
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

IEC	UL	CSA	EN 60079-7
800			
41			
6			
		8 kV / 3	
		A5 / V-0	

Clamped conductors (H05V/H07V)	A2C 6	A3C 6
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note	Approval in progress	Approval in progress

Ordering data

Version	**Type**	**Qty.**	**Order No.**
dark beige	A2C 6	50	**1992110000**
blue	A2C 6 BL	50	**1991790000**

Version	**Type**	**Qty.**	**Order No.**
dark beige	A3C 6	50	**1991820000**
blue	A3C 6 BL	50	**1991830000**

Note

Accessories

Pluggable cross-connection	**Type**	**current**	**Qty.**	**Order No.**
2-pole	ZQV 6N/2	41 A	60	**1985740000**
4-pole	ZQV 6N/4	41 A	60	**1985780000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	AEP 2C 6		50	**1991970000**
Blue	AEP 2C 6 BL		50	**1991950000**
End bracket				
dark beige	AEB 35 SC/1		50	**1991920000**
dark beige	ZEW 35		20	**9540000000**
Test adapter				
1-pole	ATPG 1.5-10 L		50	**1991890000**
stackable	ATPG 6 MI-R		50	**1991930000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0x5,5x125		1	**9042130000**
Identification systems				
	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 8/6 MM WS		600	**2007160000**

Pluggable cross-connection	**Type**	**current**	**Qty.**	**Order No.**
2-pole	ZQV 6N/2	41 A	60	**1985740000**
4-pole	ZQV 6N/4	41 A	60	**1985780000**
10-pole				
End plate				
dark beige	AEP 3C 6		50	**1991940000**
Blue	AEP 3C 6 BL		20	**1991910000**
End bracket				
dark beige	AEB 35 SC/1		50	**1991920000**
dark beige	ZEW 35		20	**9540000000**
Test adapter				
1-pole	ATPG 1.5-10 L		50	**1991890000**
stackable	ATPG 6 MI-R		50	**1991930000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0x5,5x125		1	**9042130000**
Identification systems				
	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

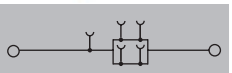
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

ALO 6 — 6 mm²

Width/Height/Depth	mm	9 x 77 x 45.5
max. current / max. cond. cross-section	A/mm²	**41 / 6**
Max. clamping range	mm²	**0.5...6**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800			
Rated current A	41			
for wire cross-section mm²	6			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm

Note	
	Approval in progress

Ordering data

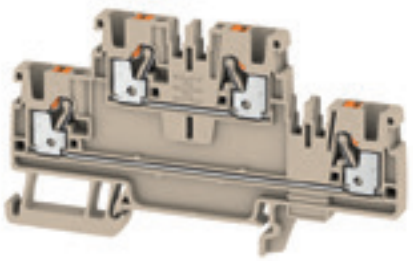
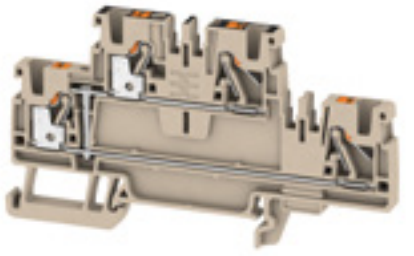
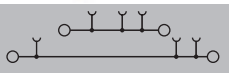
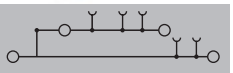
Version	Type	Qty.	Order No.
dark beige	ALO 6	20	**1991780000**
blue	ALO 6 BL	20	**2065120000**

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	20	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End bracket				
dark beige	AEB 35 SC/1		50	**1991920000**
dark beige	ZEW 35		20	**9540000000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0x5,5x125		1	**9042130000**
Identification systems				
	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

For detailed information on other accessories and application in the online catalogue	All MultiMark variants (MM) = strip markers

	A2T 2.5	2.5 mm²	A2T 2.5 VL	2.5 mm²
				
Width/Height/Depth mm	5.1 x 90 x 50.5		5.1 x 90 x 50.5	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**24 / 2.5**	
Max. clamping range mm²	**0.14...2.5**		**0.14...2.5**	

Technical data

Rated data	A2T 2.5	A2T 2.5 VL
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800				800			
24				24			
2.5				2.5			
		8 kV / 3				8 kV / 3	
		A3 / V-0				A3 / V-0	

Rated connection	A2T 2.5	A2T 2.5 VL
	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	Approval in progress	Approval in progress

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2T 2.5	50	**1547610000**	A2T 2.5 VL	50	**1547650000**
blue	A2T 2.5 BL	50	**1547620000**	A2T 2.5 VL BL	50	**1547660000**
Note						

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
End plate								
dark beige	AEP 2T 2.5		20	**1547690000**	AEP 2T 2.5		20	**1547690000**
blue	AEP 2T 2.5 BL		20	**1547700000**	AEP 2T 2.5 BL		20	**1547700000**
End bracket								
dark beige	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige	ZEW 35/2		20	**8630740000**	ZEW 35/2		20	**8630740000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6x3,5x100		1	**9042110000**	SDIL 0,6x3,5x100		1	**9042110000**
Identification systems								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	WS 10/5 M MC NE WS		720	**1792000000**	WS 10/5 M MC NE WS		720	**1792000000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

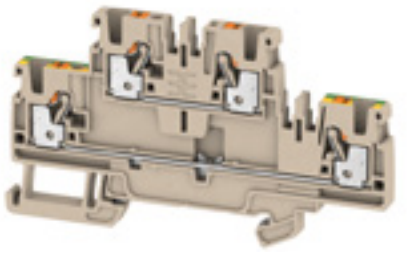
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

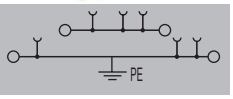
All MultiMark variants (MM) = strip markers

A2T 2.5 FT-PE

2.5 mm²



5.1 x 90 x 50.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

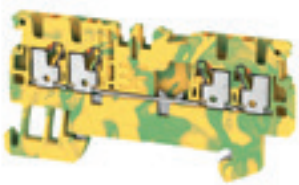
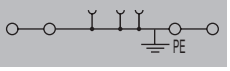
Approval in progress

Type	Qty.	Order No.
A2T 2.5 FT-PE	50	**1547640000**

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
ZEW 35/2		20	**8630740000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

	A2C 1.5 PE	1.5 mm²	A4C 1.5 PE	1.5 mm²
				
Width/Height/Depth mm	3.5 x 55 x 33.5		3.5 x 67.5 x 33.5	
max. current / max. cond. cross-section -/mm²	/ 1.5		/ 1.5	
Max. clamping range mm²	0.14...1.5		0.14...1.5	

Technical data

	A2C 1.5 PE	A4C 1.5 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	1.5	1.5
Rated impulse withstand voltage to adjacent terminal kV	500	500
Rated short-time current	6	6
Pollution severity	180 A (1.5 mm²)	180 A (1.5 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating	3	3
Approvals	A1 / V-0	A1 / V-0
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1	0.5...1.5 / 0.5...1
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm
Note	Approval in progress	Approval in progress

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
green/yellow	A2C 1.5 PE	50	1552680000	A4C 1.5 PE	50	1552660000
Note						

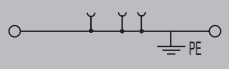
Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
End plate								
dark beige	AEP 2C 1.5		50	1552600000	AEP 4C 1.5		50	1552640000
End bracket								
dark beige	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Test adapter								
1-pole	ATPG 1.5-10 L		50	1991890000	ATPG 1.5-10 L		50	1991890000
3-pole								
5-pole								
stackable	ATPG 1.5 MI-R		50	1991880000	ATPG 1.5 MI-R		50	1991880000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDS 0.4X2.0X60		1	9037160000	SDS 0.4X2.0X60		1	9037160000
Identification systems								
	WS 10/3.5 PLUS MC NE WS		960	2003760000	WS 10/3.5 PLUS MC NE WS		960	2003760000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000	DEK 5/3.5 PLUS MC NE WS		1600	2003750000
	DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS		1000	2007100000
	WS 8/3.5 MM WS		1000	2007140000	WS 8/3.5 MM WS		1000	2007140000

For detailed information on other accessories and application in the online catalogue	All MultiMark variants (MM) = strip markers	All MultiMark variants (MM) = strip markers

A2C 2.5 PE — 2.5 mm²

5.1 x 55 x 36.5
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Approval in progress

Type	Qty.	Order No.
A2C 2.5 PE	50	**1521680000**

Type	current	Qty.	Order No.
AEP 2C 2.5		50	**1514400000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 2.5/3		25	**2041190000**
ATPG 2.5/5		25	**2041180000**
ATPG 2.5 MI-R		50	**1991960000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

A3C 2.5 PE — 2.5 mm²

5.1 x 66.5 x 36.5
/ 2.5
0.14...2.5

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Approval in progress

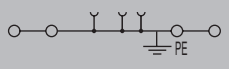
Type	Qty.	Order No.
A3C 2.5 PE	50	**1521670000**

Type	current	Qty.	Order No.
AEP 3C 2.5		50	**1521510000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 2.5/3		25	**2041190000**
ATPG 2.5/5		25	**2041180000**
ATPG 2.5 MI-R		50	**1991960000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

A4C 2.5 PE — 2.5 mm²

5.1 x 77.5 x 36.5
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

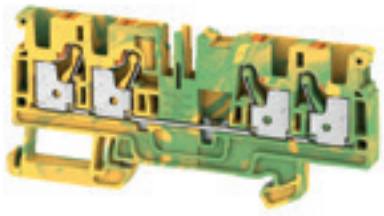
Approval in progress

Type	Qty.	Order No.
A4C 2.5 PE	50	**1521540000**

Type	current	Qty.	Order No.
AEP 4C 2.5		50	**1521530000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 2.5/3		25	**2041190000**
ATPG 2.5/5		25	**2041180000**
ATPG 2.5 MI-R		50	**1991960000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

	A2C 4 PE	4 mm²	A4C 4 PE	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 39.5		6.1 x 87.5 x 39.5	
max. current / max. cond. cross-section -/mm²	/ 4		/ 4	
Max. clamping range mm²	0.5...4		0.5...4	

Technical data

	A2C 4 PE	A4C 4 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	IEC 4 / UL 800 / CSA 8 / EN 60079-7	IEC 4 / UL 800 / CSA 8 / EN 60079-7
Rated impulse withstand voltage to adjacent terminal kV		
Rated short-time current	480 A (4 mm²)	480 A (4 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note	Approval in progress	Approval in progress

Ordering data

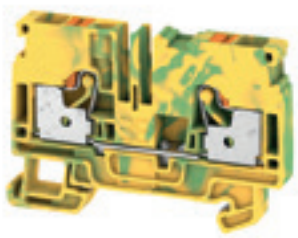
Version	A2C 4 PE	A4C 4 PE
	Type / Qty. / Order No.	Type / Qty. / Order No.
green/yellow	A2C 4 PE / 50 / 2051360000	A4C 4 PE / 50 / 2051560000
Note		

Accessories

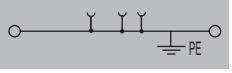
	A2C 4 PE			A4C 4 PE		
End plate	Type	current	Qty. / Order No.	Type	current	Qty. / Order No.
dark beige	AEP 2C 4		50 / 2051680000	AEP 4C 4		20 / 2051900000
End bracket						
dark beige	AEB 35 SC/1		50 / 1991920000	AEB 35 SC/1		50 / 1991920000
dark beige	ZEW 35		20 / 9540000000	ZEW 35		20 / 9540000000
Test adapter						
1-pole	ATPG 1.5-10 L		50 / 1991890000	ATPG 1.5-10 L		50 / 1991890000
stackable	ATPG 4 MI-R		50 / 1991860000	ATPG 4 MI-R		50 / 1991860000
Test plug						
	PS 2.0 MC		20 / 0310000000	PS 2.0 MC		20 / 0310000000
Screwdriver						
Standard	SDIL 0,6x3,5x100		1 / 9042110000	SDIL 0,6x3,5x100		1 / 9042110000
Identification systems						
	DEK 5/6 PLUS MC NE WS		1000 / 1011320000	DEK 5/6 PLUS MC NE WS		1000 / 1011320000
	WS 10/6 M PLUS MC NE WS		600 / 2003780000	WS 10/6 M PLUS MC NE WS		600 / 2003780000
	DEK 5/6 MM WS		600 / 2007120000	DEK 5/6 MM WS		600 / 2007120000
	WS 8/6 MM WS		600 / 2007160000	WS 8/6 MM WS		600 / 2007160000

For detailed information on other accessories and application in the online catalogue	All MultiMark variants (MM) = strip markers	All MultiMark variants (MM) = strip markers

A2C 6 PE — 6 mm²



8.1 x 66.5 x 45.5
/ 6
0.5...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6			
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Approval in progress

Type	Qty.	Order No.
A2C 6 PE	50	**1991810000**

Type	current	Qty.	Order No.
AEP 2C 6		50	**1991970000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 6 MI-R		50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0x5,5x125		1	**9042130000**
WS-A 8/8 MM WS		500	**2448930000**
DEK-A 5/8 MM WS		500	**2448860000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**

All MultiMark variants (MM) = strip markers

A3C 6 PE — 6 mm²

8.1 x 84.5 x 45.5
/ 6
0.5...6

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6			
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

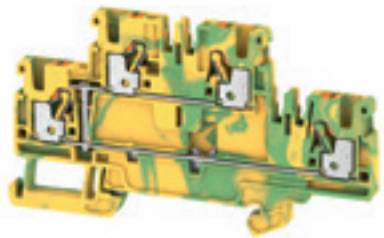
Approval in progress

Type	Qty.	Order No.
A3C 6 PE	50	**1991850000**

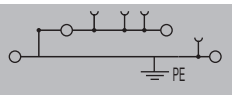
Type	current	Qty.	Order No.
AEP 3C 6		50	**1991940000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 6 MI-R		50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0x5,5x125		1	**9042130000**
WS-A 8/8 MM WS		500	**2448930000**
DEK-A 5/8 MM WS		500	**2448860000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**

All MultiMark variants (MM) = strip markers

A2T 2.5 PE — 2.5 mm²



5.1 x 90 x 50.5
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

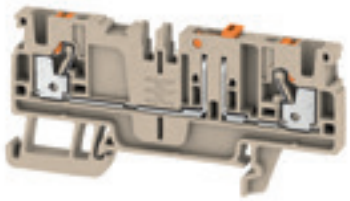
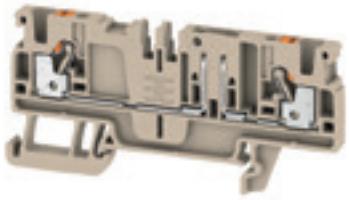
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Approval in progress

Type	Qty.	Order No.
A2T 2.5 PE	50	**1547680000**

Type	current	Qty.	Order No.
AEP 2T 2.5		20	**1547690000**
AEB 35 SC/1		50	**1991920000**
ZEW 35/2		20	**8630740000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

	ADT 2.5 2C	2.5 mm²	ADT 2.5 2C W/O DTLV	2.5 mm²
				
Width/Height/Depth mm	5.1 x 77.5 x 37.65		5.1 x 77.5 x 36.5	
max. current / max. cond. cross-section A/mm²	**20 / 2.5**		**20 / 2.5**	
Max. clamping range mm²	**0.14...2.5**		**0.14...2.5**	

Technical data

Rated data					IEC 60947-7-1				IEC 60947-7-1			
			IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V		400				400			
Rated current	A		20				20			
for wire cross-section	mm²		2.5				2.5			
Rated impulse withstand voltage / Pollution severity					4 kV / 3				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating					A3 / V-0				A3 / V-0	
Number of operating cycles										
Approvals										
Clamped conductors (H05V/H07V)		**Rated connection**					**Rated connection**			
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5					0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5					0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm					10 / 0.6 x 3.5 mm			
Note		Approval in progress					Approval in progress			

Ordering data

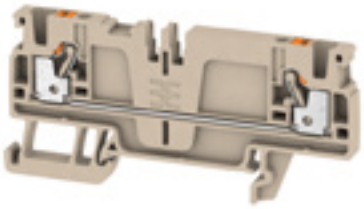
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	ADT 2.5 2C	50	1989800000			
	blue	ADT 2.5 2C BL	50	1989810000			
	without isolator				ADT 2.5 2C W/O DTLV	50	1989930000
Note							

Accessories

		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection									
	2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
	10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate									
	dark beige	AEP 4C 2.5		50	1521530000	AEP 4C 2.5		50	1521530000
	Blue	AEP 4C 2.5 BL		50	1521640000	AEP 4C 2.5 BL		50	1521640000
End bracket									
	dark beige	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
	dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Test adapter									
	1-pole	ATPG 1.5-10 L		50	1991890000	ATPG 1.5-10 L		50	1991890000
	3-pole	ATPG 2.5/3		25	2041190000	ATPG 2.5/3		25	2041190000
	5-pole	ATPG 2.5/5		25	2041180000	ATPG 2.5/5		25	2041180000
	stackable	ATPG 2.5 MI-R		50	1991960000	ATPG 2.5 MI-R		50	1991960000
Test plug									
		PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver									
	Standard	SDIL 0,6x3,5x100		1	9042110000	SDIL 0,6x3,5x100		1	9042110000
Identification systems									
		DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
		WS 10/5 M MC NE WS		720	1792000000	WS 10/5 M MC NE WS		720	1792000000
		DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
		WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue	All MultiMark variants (MM) = strip markers	All MultiMark variants (MM) = strip markers

A2C 2.5 /DT/FS — 2.5 mm²



5.1 x 77.5 x 36.5
24 / 2.5
0.14...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

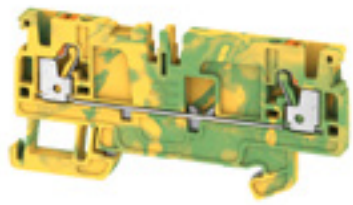
Approval in progress

Type	Qty.	Order No.
A2C 2.5 /DT/FS	50	1989900000
A2C 2.5 /DT/FS BL	50	1989910000

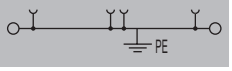
Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

All MultiMark variants (MM) = strip markers

A2C 2.5 PE /DT/FS — 2.5 mm²



5.1 x 77.5 x 36.5
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
		/ 3	
		A3 / V-0	

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

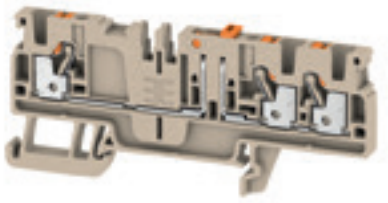
Approval in progress

Type	Qty.	Order No.
A2C 2.5 PE /DT/FS	50	1989890000

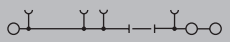
Type	current	Qty.	Order No.
AEP 4C 2.5		50	1521530000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

All MultiMark variants (MM) = strip markers

ADT 2.5 3C — 2.5 mm²



5.1 x 84.5 x 37.65
20 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
20			
2.5			
		4 kV / 3	
		A3 / V-0	

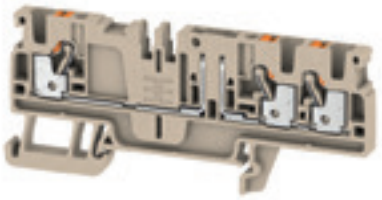
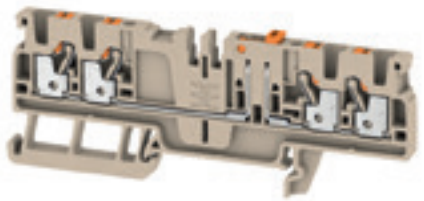
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Approval in progress

Type	Qty.	Order No.
ADT 2.5 3C	50	1989830000
ADT 2.5 3C BL	50	1989840000

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP DT 2.5 3C		50	1989970000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

All MultiMark variants (MM) = strip markers

		ADT 2.5 3C W/O DTLV	2.5 mm²	ADT 2.5 4C	2.5 mm²
					
Width/Height/Depth	mm	5.1 x 84.5 x 36.5		5.1 x 96 x 37.65	
max. current / max. cond. cross-section	A/mm²	**20 / 2.5**		**20 / 2.5**	
Max. clamping range	mm²	**0.14...2.5**		**0.14...2.5**	

Technical data

Rated data		IEC 60947-7-1				IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V	400				400			
Rated current	A	20				20			
for wire cross-section	mm²	2.5				2.5			
Rated impulse withstand voltage / Pollution severity				4 kV / 3				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0				A3 / V-0	
Number of operating cycles									
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note		Approval in progress				Approval in progress			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige				ADT 2.5 4C	50	**1989860000**
	blue				ADT 2.5 4C BL	50	**1989870000**
	without isolator	ADT 2.5 3C W/O DTLV	50	**1989940000**			
Note							

Accessories

		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection									
	2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
	10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
End plate									
	dark beige	AEP DT 2.5 3C		50	**1989970000**	AEP DT 2.5 4C		50	**1989980000**
	Blue								
End bracket									
	dark beige	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
	dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter									
	1-pole	ATPG 1.5-10 L		50	**1991890000**	ATPG 1.5-10 L		50	**1991890000**
	3-pole	ATPG 2.5/3		25	**2041190000**	ATPG 2.5/3		25	**2041190000**
	5-pole	ATPG 2.5/5		25	**2041180000**	ATPG 2.5/5		25	**2041180000**
	stackable	ATPG 2.5 MI-R		50	**1991960000**	ATPG 2.5 MI-R		50	**1991960000**
Test plug									
		PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver									
	Standard	SDIL 0,6x3,5x100		1	**9042110000**	SDIL 0,6x3,5x100		1	**9042110000**
Identification systems									
		DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
		WS 10/5 M MC NE WS		720	**1792000000**	WS 10/5 M MC NE WS		720	**1792000000**
		DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
		WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

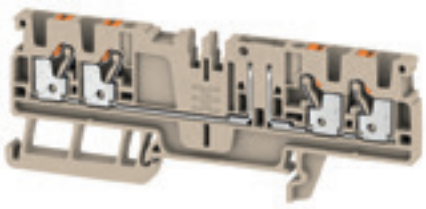
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

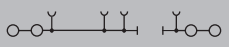
All MultiMark variants (MM) = strip markers

ADT 2.5 4C W/O DTLV

2.5 mm²



5.1 x 96 x 36.5
20 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
20			
2.5			
	4 kV / 3		
	A3 / V-0		

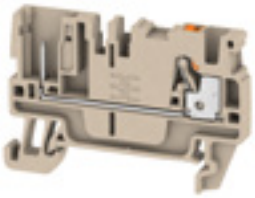
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Approval in progress

Type	Qty.	Order No.
ADT 2.5 4C W/O DTLV	50	**1989950000**

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP DT 2.5 4C		50	**1989980000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 2.5/3		25	**2041190000**
ATPG 2.5/5		25	**2041180000**
ATPG 2.5 MI-R		50	**1991960000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

	APGTB 2.5 FT 2C/1	2.5 mm²	APGTB 2.5 PE 2C/1	2.5 mm²
				
Width/Height/Depth mm	5.1 x 55 x 36.5		5.1 x 55 x 36.5	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**/ 2.5**	
Max. clamping range mm²	**0.14...2.5**		**0.14...2.5**	

Technical data

	APGTB 2.5 FT 2C/1	APGTB 2.5 PE 2C/1
Rated data		
Rated voltage of feed-through terminal V	800	800
Rated current A	24	
for wire cross-section mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	/ 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Number of operating cycles		
Approvals	IEC 60947-7-1	IEC 60947-7-2
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	Approval in progress	Approval in progress

Ordering data

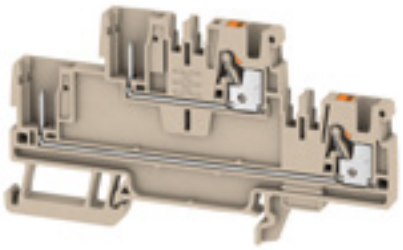
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	APGTB 2.5 FT 2C/1	100	**1513970000**			
blue	APGTB 2.5 FT 2C/1 BL	100	**1513990000**			
green/yellow				APGTB 2.5 PE 2C/1	50	**1513870000**
Note						

Accessories

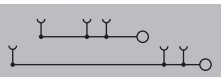
Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**				
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**				
End plate								
dark beige	AEP 2C 2.5		50	**1514400000**	AEP 2C 2.5		50	**1514400000**
Blue	AEP 2C 2.5 BL		50	**1514420000**				
End bracket								
dark beige	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Plug								
	APG 2.5/1		50	**1513720000**				
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6x3,5x100		1	**9042110000**	SDIL 0,6x3,5x100		1	**9042110000**
Identification systems								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	WS 10/5 M MC NE WS		720	**1792000000**	WS 10/5 M MC NE WS		720	**1792000000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue	All MultiMark variants (MM) = strip markers	All MultiMark variants (MM) = strip markers

APGTB 2.5 2T 4C/2 — 2.5 mm²



5.1 x 91 x 50.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

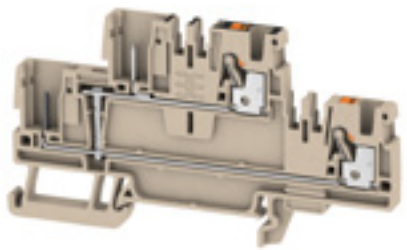
Approval in progress

Type	Qty.	Order No.
APGTB 2.5 2T 4C/2	50	**1548060000**
APGTB 2.5 2T 4C/2 BL	50	**1548070000**

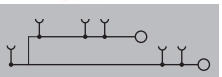
Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
ZEW 35/2		20	**8630740000**
APG 2.5/1		50	**1513720000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

APGTB 2.5 2T VL 4C/2 — 2.5 mm²



5.1 x 91 x 50.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

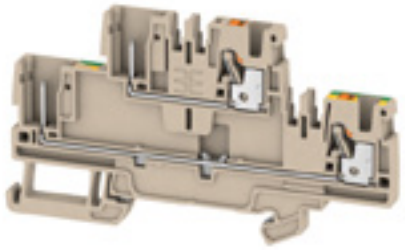
Approval in progress

Type	Qty.	Order No.
APGTB 2.5 2T VL 4C/2	50	**1548140000**
APGTB 2.5 2T VL 4C/2 BL	50	**1548150000**

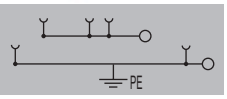
Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
ZEW 35/2		20	**8630740000**
APG 2.5/1		50	**1513720000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

APGTB 2.5 2T FT-PE 4C/2 — 2.5 mm²



5.1 x 91 x 50.5
24 / 2.5
0.14...2.5



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

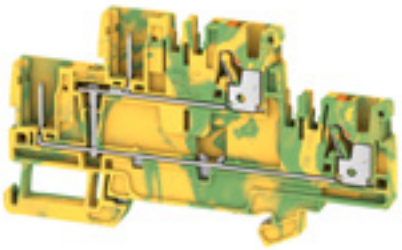
Approval in progress

Type	Qty.	Order No.
APGTB 2.5 2T FT-PE 4C/2	50	**1548130000**

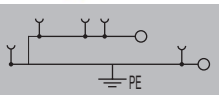
Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
ZEW 35/2		20	**8630740000**
APG 2.5/1		50	**1513720000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

APGTB 2.5 2T PE 4C/2 — 2.5 mm²



Width/Height/Depth	mm	5.1 x 91 x 50.5
max. current / max. cond. cross-section	-/mm²	/ 2.5
Max. clamping range	mm²	0.14...2.5



Technical data

IEC 60947-7-2

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	800			
Rated current				
for wire cross-section	2.5			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Number of operating cycles				
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm

Note	
	Approval in progress

Ordering data

Version	Type	Qty.	Order No.
dark beige			
blue			
green/yellow	APGTB 2.5 2T PE 4C/2	50	1548160000

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
10-pole				
End plate				
dark beige	AEP 2T 2.5		20	1547690000
Blue				
End bracket				
dark beige	AEB 35 SC/1		50	1991920000
dark beige	ZEW 35/2		20	8630740000
Plug				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6x3,5x100		1	9042110000
Identification systems				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	WS 10/5 M MC NE WS		720	1792000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue	All MultiMark variants (MM) = strip markers

APG 2.5	2.5 mm²

Width/Height/Depth	mm	5.1 x 16.5 x 42.5
max. current / max. cond. cross-section	A/mm²	**24 / 2.5**
Max. clamping range	mm²	**0.14...2.5**

Technical data

IEC 61984

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800			
Max. voltage of clamp support & pluggable system -				
Rated current A	24			
for wire cross-section mm²	2.5			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note	
	Approval in progress

Ordering data

Version	Type	Qty.	Order No.
1-pin	APG 2.5/1	50	**1513720000**
2-pin	APG 2.5/2	25	**1513640000**
3-pin	APG 2.5/3	25	**1513650000**
4-pin	APG 2.5/4	25	**1513670000**
5-pin	APG 2.5/5	25	**1513680000**
6-pin	APG 2.5/6	25	**1513690000**
7-pin	APG 2.5/7	25	**1513700000**
8-pin	APG 2.5/8	20	**1513730000**
9-pin	APG 2.5/9	20	**1513740000**
10-pin	APG 2.5/10	20	**1513770000**
Note			

Accessories

Coding	Type	current	Qty.	Order No.
	APGCE		50	**1514490000**
Cover				
	APGPC 2.5		50	**1514500000**
Interlock				
	APGLE 2.5		25	**2457570000**
Strain relief				
	APGSR 2.5		25	**2457580000**
	APGSR 2.5/4		25	**2457590000**
	APGSR 2.5/8		25	**2457600000**
Identification systems				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	WS 10/5 M MC NE WS		720	**1792000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue	All MultiMark variants (MM) = strip markers

Cross-connections according to dimensions

ZQV 1.5N

Technical data	
Current / Current	A
	17.5 / 17.5

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 1.5/2	60	1985410000
3-pole	ZQV 1.5/3	60	1985480000
4-pole	ZQV 1.5/4	60	1985490000
5-pole	ZQV 1.5/5	20	1985500000
6-pole	ZQV 1.5/6	20	1985510000
7-pole	ZQV 1.5/7	20	1985520000
8-pole	ZQV 1.5/8	20	1985540000
9-pole	ZQV 1.5/9	20	1985560000
10-pole	ZQV 1.5/10	20	1985580000
20-pole	ZQV 1.5/20	20	1985600000
50-pole	ZQV 1.5/50	5	1985620000

For terminal:
A2C 1.5
A3C 1.5
A4C 1.5
ALO 6

ZQV 2.5N

24 / 24

Type	Qty.	Order No.
ZQV 2.5/2	60	1527540000
ZQV 2.5/3	60	1527570000
ZQV 2.5/4	60	1527590000
ZQV 2.5/5	20	1527620000
ZQV 2.5/6	20	1527630000
ZQV 2.5/7	20	1527640000
ZQV 2.5/8	20	1527670000
ZQV 2.5/9	20	1527680000
ZQV 2.5/10	20	1527690000
ZQV 2.5/20	20	1527720000
ZQV 2.5/50	5	1527730000

For terminal:
AC2 2.5
A3C 2.5
A4C 2.5
ALO 6
A2T 2.5 ...
ADT 2.5 ...
APGTB 2.5 ...

ZQV 4N

32 / 32

Type	Qty.	Order No.
ZQV 4/2	60	1527930000
ZQV 4/3	60	1527940000
ZQV 4/4	60	1527970000
ZQV 4/5	20	1527980000
ZQV 4/6	20	1527990000
ZQV 4/7	20	1528020000
ZQV 4/8	20	1528030000
ZQV 4/9	20	1528070000
ZQV 4/10	20	1528090000
ZQV 4/50	5	1528130000

For terminal:
AC2 4
A3C 4
A4C 4

Cross-connections according to dimensions

ZQV 6N

Technical data	
Current / Current	A
	57 / 57

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 6N/2	60	1985740000
3-pole	ZQV 6N/3	60	1985760000
4-pole	ZQV 6N/4	60	1985780000

For terminal:
AC2 6
A3C 6
A4C 6

Test adapter

ATPG 1.5-10

Start element with 3.5 mm width

Dimensions		
Width / Length / Height[1]	mm	3.5 / 52
Stripping length	mm	
Rated data		
Rated voltage	V	250
Rated current	A	0.2
Rated cross-section	mm²	1.0
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.0
flexible / Flexible with ferrule	mm²	0.5…1.0 / 0.5…1.0

Ordering data	Type	Qty.	Order No.
1-pole	ATPG 1.5-10	25	**1991890000**
3-pole			
5-pole			
With snap-in pegs			

For terminal:

A2C 1.5 — A2T 2.5 …
A3C 1.5 — ADT 2.5 …
A4C 1.5 — APGTB 2.5 …
AC2 2.5
A3C 2.5
A4C 2.5

ATPG 1.5 MI-R

For terminal width 3.5 mm

Dimensions		
Width / Length / Height[1]	mm	3.5 / 52
Stripping length	mm	
Rated data		
Rated voltage	V	250
Rated current	A	0.2
Rated cross-section	mm²	1.0
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.0
flexible / Flexible with ferrule	mm²	0.5…1.0 / 0.5…1.0

Ordering data	Type	Qty.	Order No.
1-pole			
3-pole			
5-pole			
With snap-in pegs	ATPG 1.5 MI-R	25	**1991880000**

For terminal:

A2C 1.5
A3C 1.5
A4C 1.5

ATPG 2.5 MI-R

For terminal width 5.1 mm

Dimensions		
Width / Length / Height[1]	mm	6.9 / 52
Stripping length	mm	
Rated data		
Rated voltage	V	250
Rated current	A	0.2
Rated cross-section	mm²	1.0
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.0
flexible / Flexible with ferrule	mm²	0.5…1.0 / 0.5…1.0

Ordering data	Type	Qty.	Order No.
1-pole			
3-pole	ATPG 2.5/3	25	**2041190000**
5-pole	ATPG 2.5/5	25	**2041180000**
With snap-in pegs	ATPG 2.5 MI-R	25	**1991960000**

For terminal:

AC2 2.5
A3C 2.5
A4C 2.5
A2T 2.5 …
ADT 2.5 …
APGTB 2.5 …

Test adapter

ATPG 4 MI-R

For terminal width 6.1 mm

Dimensions		
Width / Length / Height[1]	mm	7.9 / 52
Stripping length	mm	
Rated data		
Rated voltage	V	250
Rated current	A	0.2
Rated cross-section	mm²	1.0
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.0
flexible / Flexible with ferrule	mm²	0.5…1.0 / 0.5…1.0

Ordering data	Type	Qty.	Order No.
1-pole			
With snap-in pegs	ATPG 4 MI-R	25	**1991860000**

For terminal:

AC2 4
A3C 4
A4C 4

ATPG 6 MI-R

For terminal width 8.1 mm

Dimensions		
Width / Length / Height[1]	mm	9.9 / 52
Stripping length	mm	
Rated data		
Rated voltage	V	250
Rated current	A	0.2
Rated cross-section	mm²	1.0
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.0
flexible / Flexible with ferrule	mm²	0.5…1.0 / 0.5…1.0

Ordering data	Type	Qty.	Order No.
1-pole			
With snap-in pegs	ATPG 6 MI-R	25	**1991930000**

For terminal:

AC2 6
A3C 6
A4C 6

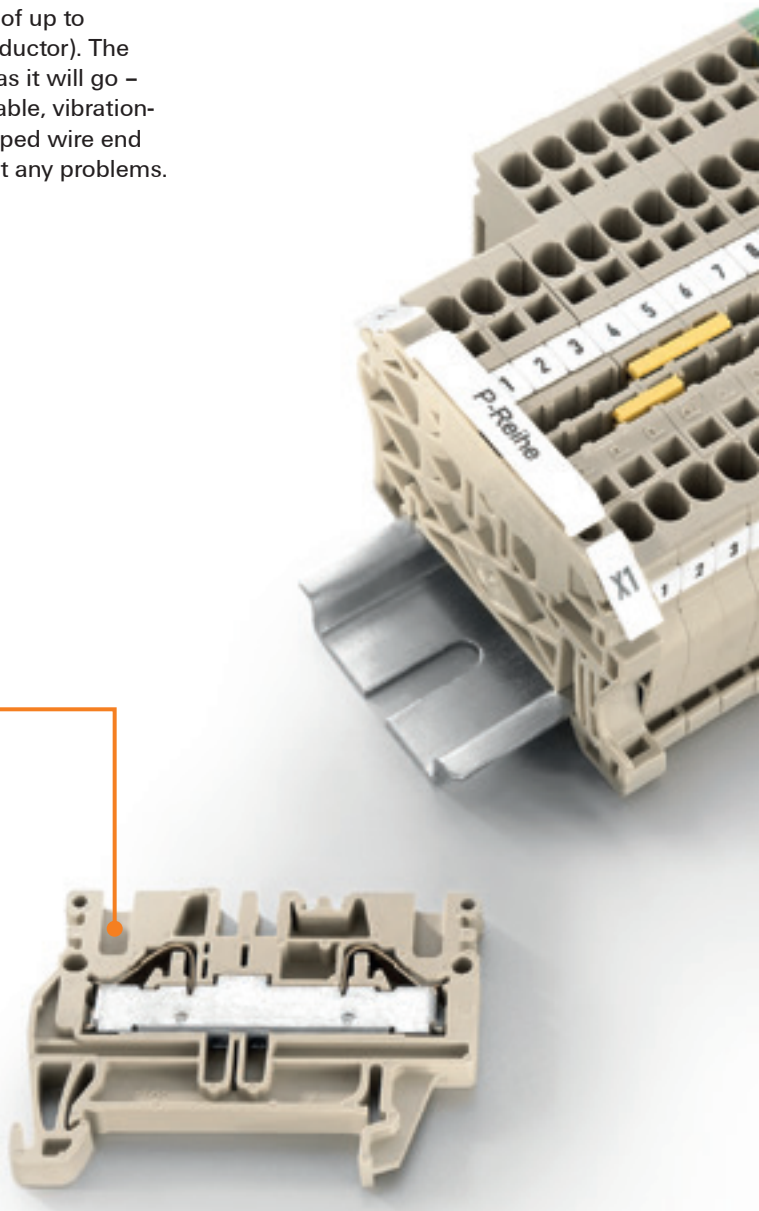
Note: 1) The height is dependent on the terminal type

Terminal blocks with PUSH IN connection technology

Wiring is quick and safe

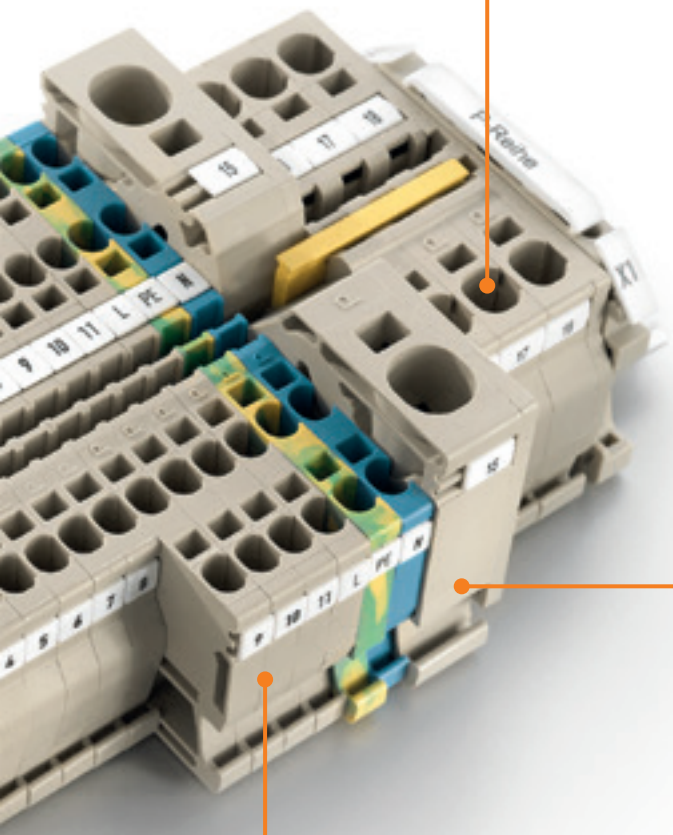
Increase your efficiency. The PUSH IN connection method and the associated reduction in the number of versions will help you.

Among the impressive features of the direct PUSH IN connection system are minimal wiring times and reliable, simple handling. Compared to the 3-conductor tension clamps, the direct PUSH IN system achieves time savings of up to 50 percent when connecting the conductor (3.5 seconds per conductor). The stripped solid conductor is simply pushed into the terminal as far as it will go – that's all there is to it. No tools are required, and the result is a reliable, vibration-resistant, gas-tight connection. Even flexible conductors with crimped wire end ferrules or ultrasonicwelded conductors can be connected without any problems.



Quick and safe
Wiring time is significantly reduced with the direct insertion technique for solid-core and flexible stranded wires with ferrules thanks to the PUSH IN connection method – considerably quicker to connect and no need for additional tools.

Simple operation
The PUSH IN contact's spring movement is limited by the spring stop mechanism, improper use is prevented by the design of the terminals.

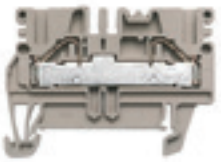


Contact security
The long-term contact force between wire and busbar is ensured with a stainless steel spring. The busbar is made of copper with a tin alloy, this ensures a very low voltage drop.

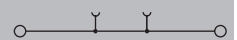
Wemid insulating material
- Non-tracking CTI 600
- Thermally stable up to 120 °C
- V0 flammability rating to UL94
- Halogen and phosphor free, flame-retardant

PDU 2.5/4 — 4 mm²

Two connections



Width/Height/Depth	5.1 x 52 x 38
max. current / max. cond. cross-section	/ 6
Max. clamping range	0.13...6



Technical data

Rated data				
	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	550
Rated current A	32	30	30	29
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				KEMA06ATEX0177U

IEC 60947-7-1 — Ex e II — II 2 G D

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Rated connection
0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	PDU 2.5/4	100	1896110000
blue	PDU 2.5/4 BL	100	1896230000

Note

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	PAP 2.5/4		50	1896300000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	PTA PDU2.5/4		25	1916180000
With spigot	PTA ZA PDU2.5/4		25	1916190000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1		100	1916410000
For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2		100	1916400000
Cover				
With lightning flash symbol	PAD 2.5/4/4		80	1916150000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

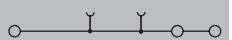
For detailed information on other accessories and application in the online catalogue

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDU 2.5/4 3AN — 4 mm²

Three connections

Width/Height/Depth	5.1 x 67.5 x 38
max. current / max. cond. cross-section	/ 6
Max. clamping range	0.13...6



Technical data

Rated data				
	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	550
Rated current A	32	30	30	29
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				KEMA06ATEX0177U

IEC 60947-7-1 — Ex e II — II 2 G D

Rated connection
0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5 mm

Ordering data

Type	Qty.	Order No.
PDU 2.5/4/3AN	100	1896120000
PDU 2.5/4/3AN BL	100	1896240000

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Accessories

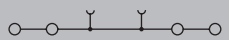
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP 2.5/4/3AN		50	1896480000
ZEW 35		20	9540000000
PTA PDU2.5/4		25	1916180000
PTA ZA PDU2.5/4		25	1916190000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDU 2.5/4 4AN — 4 mm²

Four connections

5.1 x 78.5 x 38
/ 6
0.13...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	29
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A3 / V-0		

KEMA06ATEX0177U

Rated connection
0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDU 2.5/4/4AN	100	1896130000
PDU 2.5/4/4AN BL	100	1896250000

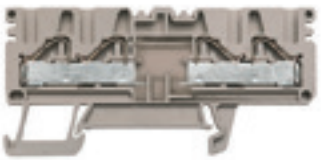
For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP 2.5/4/4AN		50	1896320000
ZEW 35		20	9540000000
PTA PDU2.5/4		25	1916180000
PTA ZA PDU2.5/4		25	1916190000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

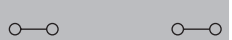
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDU 2.5/4 2x2 — 4 mm²

2 x 2 connections



5.1 x 78 x 38
/ 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDU 2.5/4/2X2AN	50	1022220000
PDU 2.5/4/2X2AN BL	50	1043220000

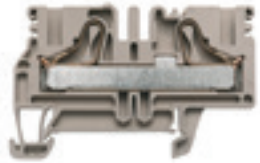
For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
PAP 2.5/4/4AN		50	1896320000
ZEW 35		20	9540000000
PTA PDU2.5/4		25	1916180000
PTA ZA PDU2.5/4		25	1916190000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

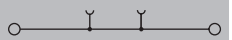
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDU 6/10 — 10 mm²

Two connections



8.1 x 64.5 x 40.5
57 / 10
1.5...10



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	44	46	36.5
10	AWG 14...8	AWG 14...10	6 mm²
	8 kV / 3		
	A4 / V-0		

KEMA06ATEX0177U

Rated connection
1.5...6 / 10...10
1.5...10 / 1.5...10
14 / 0.6 x 3.5 mm

Type	Qty.	Order No.
PDU 6/10	50	1896140000
PDU 6/10 BL	25	1896270000

For 10 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203620000).

Type	current	Qty.	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
PAP PDU6/10		20	1896330000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PAD 6/10/4		80	1916160000
WS 10/8 PLUS MC NE WS		420	1905950000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

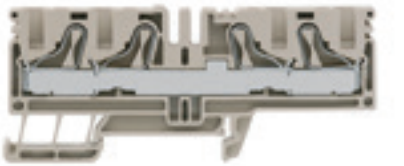
PDU 6/10 3AN — 10 mm²

Three connections

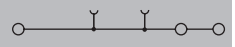
PUSH IN

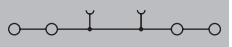
PDU 6/10 4AN — 10 mm²

PUSH IN



		PDU 6/10 3AN	PDU 6/10 4AN
Width/Height/Depth	mm	8.1 x 82.5 x 40.5	8.1 x 97 x 40.5
max. current / max. cond. cross-section	A/mm²	**57 / 10**	**57 / 10**
Max. clamping range	mm²	**1.5...10**	**1.5...10**





Technical data

Rated data		PDU 6/10 3AN	PDU 6/10 4AN
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II Ex II 2 G D	
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	44	46	36.5
10	AWG 14...8	AWG 14...10	6 mm²
	8 kV / 3		
	A4 / V-0		
			KEMA06ATEX0177U

IEC	UL	CSA	EN 60079-7
800	600		
57	47		
10	AWG 14...8		
	8 kV / 3		
	A4 / V-0		

Clamped conductors (H05V/H07V)		PDU 6/10 3AN	PDU 6/10 4AN
Solid / Stranded	mm²	1.5...6 / 10...10	1.5...6 / 10...10
Flexible / Flexible with ferrule	mm²	1.5...10 / 1.5...10	1.5...10 / 1.5...10
Stripping length / Blade size	mm/-	14 / 0.6 x 3.5 mm	14 / 0.6 x 3.5 mm
Note			

Ordering data

Version	PDU 6/10 3AN	PDU 6/10 4AN
dark beige	PDU 6/10/3AN — 50 — **1896150000**	PDU 6/10/4AN — 50 — **1083040000**
blue	PDU 6/10/3AN BL — 50 — **1896280000**	PDU 6/10/4AN BL — 25 — **1165130000**
Note	For 10 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203620000).	

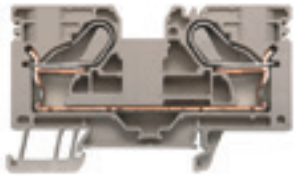
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 6N/2		60	**1906210000**	ZQV 6N/2		60	**1906210000**
3-pole	ZQV 6N/3		60	**1906220000**	ZQV 6N/3		60	**1906220000**
4-pole	ZQV 6N/4		60	**1906230000**	ZQV 6N/4		60	**1906230000**
10-pole								
End plate / Partition plate								
dark beige	PAP PDU6/10/3AN		20	**1896340000**				
End bracket								
dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter								
Standard								
With spigot								
Screwdriver								
Standard	SDS 0.5X3.0X80		1	**9008320000**	SDS 0.5X3.0X80		1	**9008320000**
Reducing sleeves								
For conductors < 0.5 mm² / AWG 20								
For conductors < 1.0 mm² / AWG 18								
Cover								
With lightning flash symbol	PAD 6/10/4		80	**1916160000**	PAD 6/10/4		80	**1916160000**
Identification systems								
	WS 10/8 PLUS MC NE WS		420	**1905950000**	WS 10/8 PLUS MC NE WS		420	**1905950000**
	DEK 5/8 MM WS		500	**2007130000**	DEK 5/8 MM WS		500	**2007130000**
	WS 8/8 MM WS		500	**2007170000**	WS 8/8 MM WS		500	**2007170000**

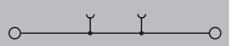
For detailed information on other accessories and application in the online catalogue

PDU 16 — 16 mm²

Two connections



12.1 x 80.5 x 47.5
/ 16
2.5...16



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	75	78	59
16	AWG 14...4	AWG 14...4	16 mm²
	8 kV / 3		
	B6 / V-0		
			KEMA06ATEX0177U

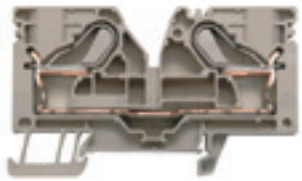
Rated connection
2.5...16
2.5...16 / 2.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
PDU 16	25	**1896400000**
PDU 16 BL	10	**1896220000**

Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	**1739690000**
PAP 16		10	**1896290000**
ZEW 35		20	**9540000000**
SDIS SL 1.0X5.5X125		1	**1274680000**
PAD 16/4		80	**1916170000**
WS 12/8 PLUS MC NE WS		420	**1906000000**

PEI 16 — 16 mm²

Supply terminal



15 x 80.5 x 47.5
/ 16
2.5...16

Ex e II II 2 G D

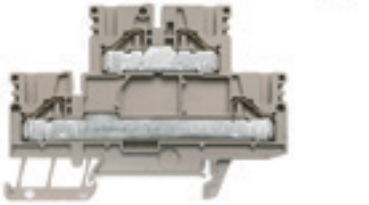
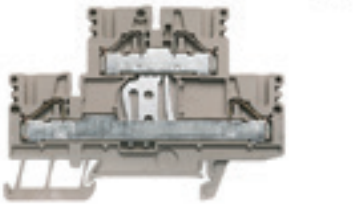
IEC	UL	CSA	EN 60079-7
800	600	600	550
76	75	78	66.5
16	AWG 14...4	AWG 14...4	16 mm²
	8 kV / 3		
	B6 / V-0		
			KEMA06ATEX0177U

Rated connection
2.5...16
2.5...16 / 2.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
PEI 16	25	**1918780000**
PEI 16 BL	25	**1918790000**

Terminal contains end plate.
No separate end plate is necessary.

Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 6N/3		60	**1906220000**
ZEW 35		20	**9540000000**
SDIS SL 1.0X5.5X125		1	**1274680000**
PAD 16/4		80	**1916170000**
WS 12/8 PLUS MC NE WS		420	**1906000000**

		PDK 2.5/4	PDK 2.5/4 V
		4 mm²	4 mm²
		Double-level terminal	Vertical cross-connected double-level terminal. Cross-connector for the bottom layer only.
			
Width/Height/Depth	mm	5.1 x 82.5 x 58	5.1 x 82.5 x 58
max. current / max. cond. cross-section	A/mm²	32 / 6	32 / 6
Max. clamping range	mm²	0.13...6	0.13...6

Technical data

		PDK 2.5/4	PDK 2.5/4 V
Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II II 2 G D	Ex e II II 2 G D
for wire cross-section	mm²	IEC: 800 / UL: 600 / CSA: 600 / EN 60079-7: 550	IEC: 800 / UL: 600 / CSA: 600 / EN 60079-7: 550
		IEC: 32 / UL: 30 / CSA: 30 / EN 60079-7: 28	IEC: 24 / UL: 30 / CSA: 30 / EN 60079-7: 29
		IEC: 4 / UL: AWG 26...10 / CSA: AWG 26...10 / EN 60079-7: 4 mm²	IEC: 4 / UL: AWG 26...10 / CSA: AWG 26...10 / EN 60079-7: 4 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-7-1 / UL 94 flammability rating		A3 / V-0	A3 / V-0
Approvals		KEMA06ATEX0177U	KEMA06ATEX0177U
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5...6	0.5...6
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm	12 / 3.0 x 0.5 mm
Note		For 2.5 mm² 24 A	

Ordering data

Version	Type	Qty.	Order No.
dark beige	PDK 2.5/4	50	1918770000
blue	PDK 2.5/4 BL	50	1918760000
green/yellow			
Note	For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).		

Version	Type	Qty.	Order No.
dark beige	PDK 2.5/4V	50	1918730000
blue	PDK 2.5/4V BL	50	1918680000
green/yellow			
Note	For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).		

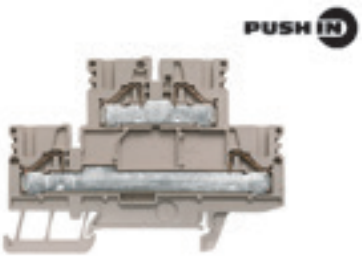
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	PAP PDK 2.5/4		20	1919720000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	PTA PDU2.5/4		25	1916180000
With spigot	PTA ZA PDU2.5/4		25	1916190000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1		100	1916410000
For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2		100	1916400000
Cover				
With lightning flash symbol	PAD 2.5/4/4		80	1916150000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	SNAPMARK I		50	1805880000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

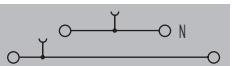
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	PAP PDK 2.5/4		20	1919720000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	PTA PDU2.5/4		25	1916180000
With spigot	PTA ZA PDU2.5/4		25	1916190000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1		100	1916410000
For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2		100	1916400000
Cover				
With lightning flash symbol	PAD 2.5/4/4		80	1916150000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	SNAPMARK I		50	1805880000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue	Detailed information for working with twin ferrules can be found in the P Series Accessories section.	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDK 2.5/4 N-L — 4 mm²



5.1 x 82.5 x 58
32 / 6
0.13...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	30	30	28
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A3 / V-0		

KEMA06ATEX0177U

Rated connection
0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5 mm

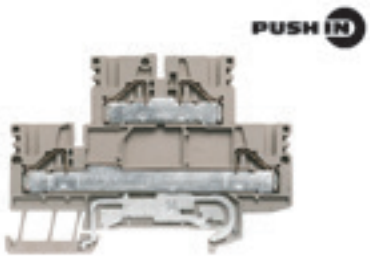
Type	Qty.	Order No.
PDK 2.5/4N-L	50	**1918740000**

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

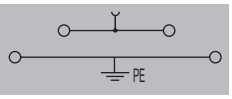
Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
PAP PDK 2.5/4		20	**1919720000**
ZEW 35		20	**9540000000**
PTA PDU2.5/4		25	**1916180000**
PTA ZA PDU2.5/4		25	**1916190000**
SDS 0.5X3.0X80		1	**9008320000**
PRH 2.5/4/1		100	**1916410000**
PRH 2.5/4/2		100	**1916400000**
PAD 2.5/4/4		80	**1916150000**
DEK 5/5 MC NE WS		1000	**1609801044**
SNAPMARK I		50	**1805880000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDK 2.5/4 L-PE — 4 mm²



5.1 x 82.5 x 58
32 / 6
0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	30	30	28
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A3 / V-0		

KEMA06ATEX0177U

Rated connection
0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5 mm

For 2.5 mm² 24 A. Cross-connector for top layer only

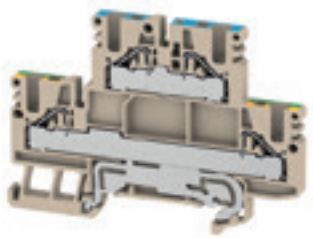
Type	Qty.	Order No.
PDK 2.5/4L-PE	50	**1918720000**

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

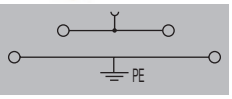
Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
PAP PDK 2.5/4		20	**1919720000**
ZEW 35		20	**9540000000**
PTA PDU2.5/4		25	**1916180000**
PTA ZA PDU2.5/4		25	**1916190000**
SDS 0.5X3.0X80		1	**9008320000**
PRH 2.5/4/1		100	**1916410000**
PRH 2.5/4/2		100	**1916400000**
PAD 2.5/4/4		80	**1916150000**
DEK 5/5 MC NE WS		1000	**1609801044**
SNAPMARK I		50	**1805880000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDK 2.5/4 N-PE — 4 mm²



5.1 x 82.5 x 58
32 / 6
0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	30	30	28
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A3 / V-0		

KEMA06ATEX0177U

Rated connection
0.5...6
0.5...4 / 0.5...4
12 / 3.0 x 0.5 mm

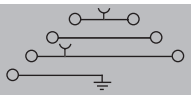
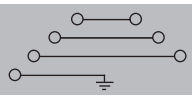
4 mm² conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.

Type	Qty.	Order No.
PDK 2.5/4N-PE	50	**1918750000**

For use with 4 mm² conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)

Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
PAP PDK 2.5/4		20	**1919720000**
ZEW 35		20	**9540000000**
PTA PDU2.5/4		25	**1916180000**
PTA ZA PDU2.5/4		25	**1916190000**
SDS 0.5X3.0X80		1	**9008320000**
PRH 2.5/4/1		100	**1916410000**
PRH 2.5/4/2		100	**1916400000**
PAD 2.5/4/4		80	**1916150000**
DEK 5/5 MC NE WS		1000	**1609801044**
SNAPMARK I		50	**1805880000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

	PMAK 4	4 mm²	PMAK 4 800 V	4 mm²
Width/Height/Depth mm	5.1 x 103.86 x 78.3		6.1 x 107.5 x 82	
max. current / max. cond. cross-section A/mm²	**30 / 6**		**32 / 6**	
Max. clamping range mm²	**0.5...6**		**0.5...6**	

Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	400	300		
Rated current A	30	29		
for wire cross-section mm²	4	AWG 26...10		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE cULus			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...6			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Stripping length / Blade size mm/-	12 / 0.4 x 2.5 mm			
Note				

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600		
Rated current A	32	29		
for wire cross-section mm²	4	AWG 26...10		
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE cULus			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...6			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Stripping length / Blade size mm/-	12 / 0.4 x 2.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	PMAK 4	50	**1221340000**
Note			

Version	Type	Qty.	Order No.
dark beige	PMAK 4 800V	50	**1221350000**
Note			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	PAP PMAK 4		20	**1221360000**
End bracket				
dark beige	ZEW 35/2		20	**8630740000**
Screwdriver				
Standard	SDS 0.4X2.5X75		1	**9009030000**
Identification systems				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

Type	current	Qty.	Order No.
ZEW 35/2		20	**8630740000**
SDS 0.4X2.5X75		1	**9009030000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**

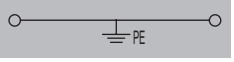
For detailed information on other accessories and application in the online catalogue

PPE 2.5/4 — 4 mm²

Two connections

PUSH IN

5.1 x 53 x 38
/ 6
0.13...6

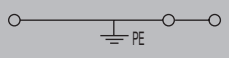


PPE 2.5/4 3AN — 4 mm²

Three connections

PUSH IN

5.1 x 67 x 38
/ 6
0.13...6



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm²
Max. clamping range	mm²

Technical data

Rated data				
for wire cross-section	mm²			
Rated voltage to adjoining terminal	V			
Rated impulse withstand voltage to adjacent terminal	kV			
Rated short-time current				
Pollution severity				
Gauge to IEC 60947-1 / UL 94 flammability rating				
Approvals				

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Twin wire-end ferrule	mm²
Stripping length / Blade size	mm/-

Note

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Ordering data

Version	
	green/yellow

Note

Type	Qty.	Order No.
PPE 2.5/4	50	1896170000

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	Qty.	Order No.
PPE 2.5/4/3AN	50	1896200000

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Accessories

End plate / Partition plate	
	dark beige

End bracket	
	dark beige

Screwdriver	
	Standard

Reducing sleeves	
	For conductors < 0.5 mm² / AWG 20
	For conductors < 1.0 mm² / AWG 18

Cover	
	With lightning flash symbol

Identification systems

Type	current	Qty.	Order No.
PAP 2.5/4		50	1896300000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Type	current	Qty.	Order No.
PAP 2.5/4/3AN		50	1896480000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

		PPE 2.5/4 4AN	4 mm²	PPE 6/10	6 mm²
		Four connections		Two connections	
		PUSH IN		PUSH IN	
Width/Height/Depth	mm	5.1 x 80 x 38		8.1 x 63.5 x 40.5	
max. current / max. cond. cross-section	-/mm²	/ 6		/ 10	
Max. clamping range	mm²	0.13...6		1.5...10	

Technical data

		IEC 60947-7-2		Ex e II	II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	4 mm²
Rated voltage to adjoining terminal	V	800			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		480 A (4 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0			
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm			
Note					

		IEC 60947-7-2		Ex e II	II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section	mm²	6	AWG 14...8	AWG 14...8	6 mm²
Rated voltage to adjoining terminal	V	800			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		1200 A (10 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0			
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	1.5...6			
Flexible / Flexible with ferrule	mm²	1.5...10 / 1.5...10			
Twin wire-end ferrule	mm²				
Stripping length / Blade size	mm/-	14 / 0.6 x 3.5 mm			
Note					

Ordering data

Version		**Type**	**Qty.**	**Order No.**
	green/yellow	PPE 2.5/4/4AN	50	**1896160000**
Note		For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).		

Version		**Type**	**Qty.**	**Order No.**
	green/yellow	PPE 6/10	25	**1896180000**
Note		For 10 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203620000).		

Accessories

End plate / Partition plate		**Type**	**current**	**Qty.**	**Order No.**
	dark beige	PAP 2.5/4/4AN		50	**1896320000**
End bracket					
	dark beige	ZEW 35		20	**9540000000**
Screwdriver					
	Standard	SDS 0.5X3.0X80		1	**9008320000**
Reducing sleeves					
	For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1		100	**1916410000**
	For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2		100	**1916400000**
Cover					
	With lightning flash symbol	PAD 2.5/4/4		80	**1916150000**
Identification systems					
		DEK 5/5 MC NE WS		1000	**1609801044**
		WS 10/5 MC NE WS		720	**1635000000**
		DEK 5/5 MM WS		800	**2007110000**
		WS 8/5 MM WS		800	**2007150000**

		Type	**current**	**Qty.**	**Order No.**
		PAP PDU6/10		20	**1896330000**
		ZEW 35		20	**9540000000**
		SDS 0.5X3.0X80		1	**9008320000**
		PAD 6/10/4		80	**1916160000**
		WS 10/8 PLUS MC NE WS		420	**1905950000**
		DEK 5/8 MM WS		500	**2007130000**
		WS 8/8 MM WS		500	**2007170000**

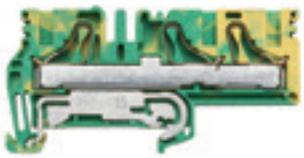
For detailed information on other accessories and application in the online catalogue

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

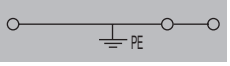
PPE 6/10 3AN — 6 mm²

Three connections

PUSH IN



Width/Height/Depth	8.1 x 81.5 x 40.5
max. current / max. cond. cross-section	**/ 10**
Max. clamping range	**1.5...10**



Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section	6 mm²	AWG 14...8	AWG 14...8	6 mm²
Rated voltage to adjoining terminal	800 V			
Rated impulse withstand voltage to adjacent terminal	8 kV			
Rated short-time current	1200 A (10 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0			
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	1.5...6
Flexible / Flexible with ferrule mm²	1.5...10 / 1.5...10
Twin wire-end ferrule -	
Stripping length / Blade size mm/-	14 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
green/yellow	PPE 6/10/3AN	25	1896190000

Note

For 10 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203620000).

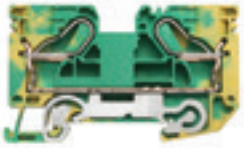
Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	PAP PDU6/10/3AN		20	1896340000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20				
For conductors < 1.0 mm² / AWG 18				
Cover				
With lightning flash symbol	PAD 6/10/4		80	1916160000
Identification systems				
	WS 10/8 PLUS MC NE WS		420	1905950000
	DEK 5/8 MM WS		500	2007130000
	WS 8/8 MM WS		500	2007170000

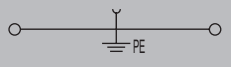
For detailed information on other accessories and application in the online catalogue

PPE 16 — 16 mm²

Two connections



Width/Height/Depth	mm	12.1 x 81 x 47.5
max. current / max. cond. cross-section	-/mm²	/ 16
Max. clamping range	mm²	2.5...16



Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	16	AWG 14...4	AWG 14...4	16 mm²
Rated voltage to adjoining terminal V	800			
Rated impulse withstand voltage to adjacent terminal kV	8			
Rated short-time current	1920 A (16 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B6 / V-0			
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	2.5...16			
Flexible / Flexible with ferrule mm²	2.5...16 / 2.5...16			
Twin wire-end ferrule -				
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
green/yellow	PPE 16	10	1896210000

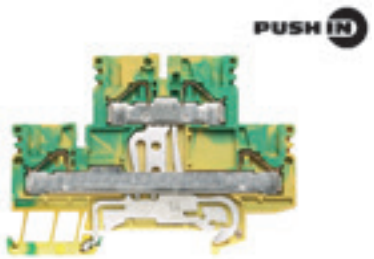
Note

Accessories

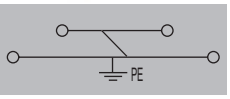
	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 16/2	76 A	25	1739690000
End plate / Partition plate				
dark beige	PAP 16		10	1896290000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SL 1.0X5.5X125		1	1274680000
Cover				
With lightning flash symbol	PAD 16/4		80	1916170000
Identification systems				
	WS 10/12 MC NE WS		300	1905970000

For detailed information on other accessories and application in the online catalogue

PDK 2.5/4 PE — 4 mm²



Width/Height/Depth	5.1 x 82.5 x 58
max. current / max. cond. cross-section	/ 6
Max. clamping range	0.13...6



Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section	4 mm²	AWG 26...10	AWG 26...10	4 mm²
Rated voltage to adjoining terminal	800 V			
Rated impulse withstand voltage to adjacent terminal	8 kV			
Rated short-time current	480 A (4 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0			
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4
Twin wire-end ferrule mm²	0.5...1.5
Stripping length / Blade size -/-	

Note

Ordering data

Version	Type	Qty.	Order No.
green/yellow	PDK 2.5/4 PE	50	1918710000

Note

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

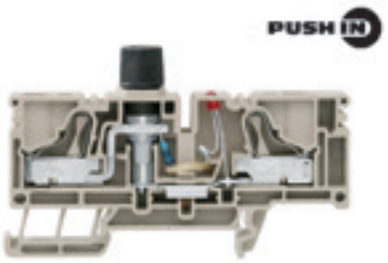
Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	PAP PDK 2.5/4		20	1919720000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	PRH 2.5/4/1		100	1916410000
For conductors < 1.0 mm² / AWG 18	PRH 2.5/4/2		100	1916400000
Cover				
With lightning flash symbol	PAD 2.5/4/4		80	1916150000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

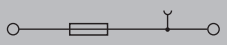
For detailed information on other accessories and application in the online catalogue

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PSI 6/10 — 6 mm²



Width/Height/Depth	12.2 x 81 x 39.6 mm
max. current / max. cond. cross-section	**10 / 10** A/mm²
Max. clamping range	**1.5...10** mm²



PSI 6/10

Overload and short-circuit protection

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	250			
Rated current A	6.3			
for wire cross-section mm²	6			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
UL 94 flammability rating			V-0	
Approvals	CE			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	1.5...6
Flexible / Flexible with ferrule mm²	1.5...10 / 1.5...10
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	PSI 6/10	25	**1083050000**
dark beige	PSI 6/10/LD 10-36V	25	**1231880000**
black	PSI 6/10/LD 10-36V SW	25	**1231870000**
black	PSI 6/10 SW	25	**1165140000**

Note — Short-circuit protection aligned individually: 10 A and 4 W.

Type	Order No.
PSI 6/10	**1083050000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	35 °C	2.5 W / 6.3 A		
In combination	26 °C	2.5 W / 6.3 A		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
3-pole	ZQV 4/3 GE	32 A	60	**1608960000**
4-pole	ZQV 4/4 GE	32 A	60	**1608970000**
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate				
dark beige	PAP PTL/PSI 6/10		20	**1165320000**
black	PAP PTL/PSI 6/10 SW		20	**1165330000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDS 0.5X3.0X80		1	**9008320000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Identification systems				
	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

Every second cross-connection pin must be broken out.

Fuse cartridges and gauge rings for Weidmüller Fuse terminal blocks

Fuse cartridges

for terminal type:
PSI 6/10
WSI 4
WSI 6

Ordering data

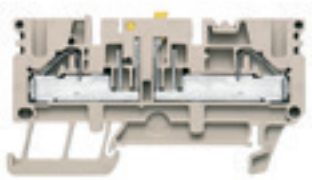
G-type fuse cartridges 5 x 20 without indicator in acc. with IEC 60127-2 (VDE 0820 T.2 BI)[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.1	quick-acting	G 20/0.10A/F	10	**0430300000**
		0.2	quick-acting	G 20/0.20A/F	10	**0430400000**
Cartridge fuse	G-Si. 5 x 20	0.25	quick-acting	G 20/0.25A/F	10	**0430500000**
Rated breaking capacity	1.5 kA	0.5	quick-acting	G 20/0.50A/F	10	**0430600000**
		0.63	quick-acting	G 20/0.63A/F	10	**0439000000**
		1	quick-acting	G 20/1.00A/F	10	**0430700000**
		1.6	quick-acting	G 20/1.60A/F	10	**0430800000**
		2	quick-acting	G 20/2.00A/F	10	**0430900000**
		2.5	quick-acting	G 20/2.50A/F	10	**0431000000**
		3.15	quick-acting	G 20/3.15A/F	10	**0431100000**
		4	quick-acting	G 20/4.00A/F	10	**0431200000**
		5	quick-acting	G 20/5.00A/F	10	**0431300000**
		6.3	quick-acting	G 20/6.30A/F	10	**0431400000**

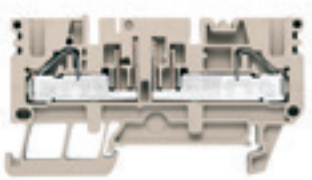
(M) = medium time-lag; (F) = quick-acting

PTR 2.5/4 — 4 mm²

With isolator



PTR 2.5/4 O TNHE — 4 mm²



		PTR 2.5/4	PTR 2.5/4 O TNHE
Width/Height/Depth	mm	5.1 x 71 x 39	5.1 x 71 x 39
max. current / max. cond. cross-section	A/mm²	23 / 6	23 / 6
Max. clamping range	mm²	0.13...6	0.13...6

Technical data

Rated data		PTR 2.5/4	PTR 2.5/4 O TNHE
Rated voltage of feed-through terminal	V	500	500
Rated current	A	23	23
for wire cross-section	mm²	4	4
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0	A3 / V-0
Number of operating cycles			
Approvals			

IEC 60947-1

IEC	UL	CSA	EN 60079-7
500	600	600	
23	24	24	
4	AWG 26...10	AWG 26...10	

IEC 60947-1

IEC	UL	CSA	EN 60079-7
500			
23			
4			

Clamped conductors (H05V/H07V)		PTR 2.5/4	PTR 2.5/4 O TNHE
Solid / Stranded	mm²	0.5...6	0.5...6
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Twin wire-end ferrule	mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm

Note	PTR 2.5/4	PTR 2.5/4 O TNHE
	For 2.5mm² 22 A	For 2.5mm² 22 A

Ordering data

Version	Type	Qty.	Order No.
dark beige	PTR 2.5/4	50	1933950000
blue	PTR 2.5/4 BL	50	1933970000
without isolator, dark beige			
	PTR 2.5/4 O.TNHE	50	1933910000

Note	PTR 2.5/4	PTR 2.5/4 O TNHE
	For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).	For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Accessories

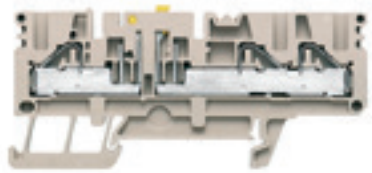
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	PAP PTR2.5/4		20	1934680000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDS 0.5X3.0X80		1	9008320000
Testing / Checking				
Test plug	PS 2.3 RT		20	0180400000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR		50	1878570000
With 1N4007 diode	BEST/D		50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4		20	1934680000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue		
	Detailed information for working with twin ferrules can be found in the P Series Accessories section.	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PTR 2.5/4 3AN — 4 mm²

With isolator



5.1 x 85 x 39
24 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
24	24	24	
4	AWG 26...10	AWG 26...10	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

For 2.5mm² 22 A

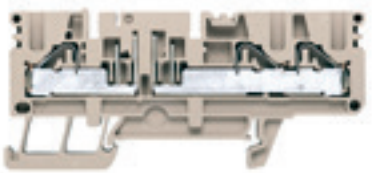
Type	Qty.	Order No.
PTR 2.5/4/3AN	50	1933980000
PTR 2.5/4/3AN BL	50	1933930000

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4/3AN		20	1934690000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PTR 2.5/4 3AN O TNHE — 4 mm²



5.1 x 85 x 39
24 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
24			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

For 2.5mm² 22 A

Type	Qty.	Order No.
PTR 2.5/4/3AN O.TNHE	50	1933990000

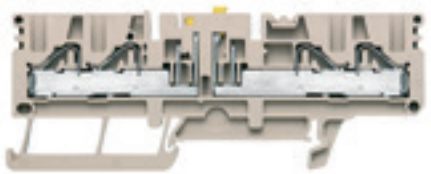
For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4/3AN		20	1934690000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PTR 2.5/4 4AN — 4 mm²

With isolator



5.1 x 99 x 39
24 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
24	24	24	
4	AWG 26...10	AWG 26...10	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

For 2.5mm² 22 A

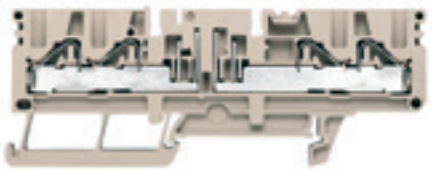
Type	Qty.	Order No.
PTR 2.5/4/4AN	50	1933940000
PTR 2.5/4/4AN BL	50	1934000000

For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PTR2.5/4/4AN		20	1934700000
ZEW 35		20	9540000000
SDS 0.5X3.0X80		1	9008320000
PS 2.3 RT		20	0180400000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

	PTR 2.5/4 4AN O TNHE	4 mm²



Width/Height/Depth	mm	5.1 x 99 x 39
max. current / max. cond. cross-section	A/mm²	**24 / 6**
Max. clamping range	mm²	**0.13...6**

Technical data

Rated data		IEC 60947-7-1			
		IEC	**UL**	**CSA**	**EN 60079-7**
Rated voltage of feed-through terminal	V	500			
Rated current	A	24			
for wire cross-section	mm²	4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Number of operating cycles					
Approvals		CE			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm			
Note		For 2.5mm² 22 A			

Ordering data

Version	**Type**	**Qty.**	**Order No.**
dark beige			
blue			
without isolator, dark beige	PTR 2.5/4/4AN O.TNHE	50	**1933890000**
Note	For 4 mm² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).		

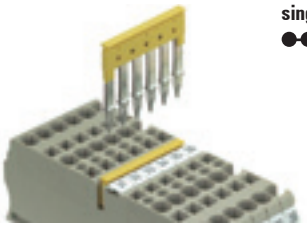
Accessories

Pluggable cross-connection	**Type**	**current**	**Qty.**	**Order No.**
2-pole	ZQV 2.5/2		60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	PAP PTR2.5/4/4AN		20	**1934700000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDS 0.5X3.0X80		1	**9008320000**
Testing / Checking				
Test plug	PS 2.3 RT		20	**0180400000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR		50	**1878570000**
With 1N4007 diode	BEST/D		50	**1878560000**
Disconnect plug				
removable, as replacement for release lever	TNST		50	**1833090000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

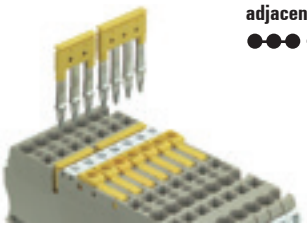
For detailed information on other accessories and application in the online catalogue	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

Possible combinations

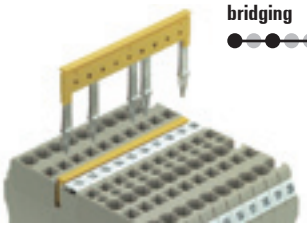
In one cross-connection channel



single

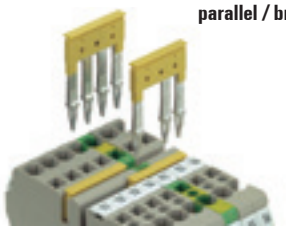


adjacent

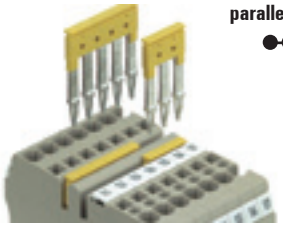


bridging

In two cross-connection channels



parallel / bridging



parallel lengthening / chain bridge

Possible cross-connections of terminals of the same type with corresponding cross-connectors

Terminal type Standard terminals	Cross-connection	single	adjacent	bridging	parallel bridging	chain bridge parallel/lengthening
PDU 2.5/4	ZQV 2.5/...	•	•	•	•	•
PDU 2.5/4/3AN	ZQV 2.5/...	•	•	•	•	•
PDU 2.5/4/4AN	ZQV 2.5/...	•	•	•	•	•
PDU 6/10	ZQV 6N/...	•	•	•	•	•
PDU 6/10/3AN	ZQV 6N/...	•	•	•	•	•
PDU 16	ZQV 16/2	•	•			•

The ZQV 2.5/20 cross-connector allows you to easily and separately connect up to 20 terminals with each other.
The electrician can cut off the required amount of contact elements from the continuous 20-pole cross-connection comb.
Caution: Not fingersafe, not approved for ATEX use.

ZQV 2.5

Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	

24 / 24

Type	Qty.	Order No.
ZQV 2.5/2	60	1608860000
ZQV 2.5/3	60	1608870000
ZQV 2.5/4	60	1608880000
ZQV 2.5/5	20	1608890000
ZQV 2.5/6	20	1608900000
ZQV 2.5/7	20	1608910000
ZQV 2.5/8	20	1608920000
ZQV 2.5/9	20	1608930000
ZQV 2.5/10	20	1608940000
ZQV 2.5/20	20	1908960000

For terminal:
PDL 4 ...
PDL 4S ...
PDU 2.5/4 ...
PDIC 2.5/4

ZQV 6 N

57

Type	Qty.	Order No.
ZQV 6N/2	60	1906210000
ZQV 6N/3	60	1906220000
ZQV 6N/4	60	1906230000
ZQV 6N/20	20	1906240000

For terminal:
PDU 6/10
PDU 6/10 3AN
PNT 6/10

ZQV 16/2

76 / 76

Type	Qty.	Order No.
ZQV 16/2	25	1739690000

For terminal:
PDU 16

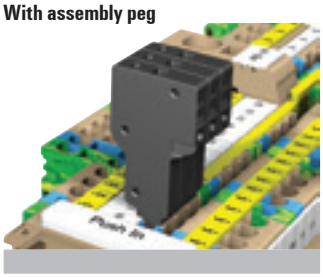
Test adapter

The clip-on test adapter PTA is used as a single thin element and as a test adapter strip for voltage measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Clamped conductors (H05V/H07V)	
solid / stranded	mm²
flexible / flexible with ferrule	mm²
Ordering data	
	1-pole
	With snap-in pegs

PTA

With assembly peg



	5.1 / 20 / 59
	6
	250
	17.5
	1.5
	0.5…1.5
	0.5…1.5 / 0.5…1.5

Type	Qty.	Order No.
PTA PDU2.5/4	25	1916180000
PTA ZA PDU2.5/4	25	1916190000
For terminal:		
PDU 2.5/4		

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point.
Packaged in sets of 100 x 10-pole strips

Technical data	
Product type	
Ordering data	
	For conductor 0.5 mm², grey
	For conductor 1 mm², dark grey

PRH 2.5/4

Reducing sleeves

Reducing sleeve

Type	Qty.	Order No.
PRH 2.5/4/1	100	1916410000
PRH 2.5/4/2	100	1916400000
For terminal:		
PDU 2.5/4		
PDK 2.5/4		

Cover

The VDE standards call for power connection terminals to be covered.
For this purpose, Weidmüller can supply yellow warning PAD covers with the "lightning flash" symbol.
The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

Technical data	
Product type	
Ordering data	
	Terminal width, 5.1 mm
	Terminal width, 8 mm
	Terminal width, 12 mm

PAD

end plate and intermediate plate

Type	Qty.	Order No.
PAD 2.5/4/4	80	1916150000
PAD 6/10/4	80	1916160000
PAD 16/4	80	1916170000
For terminal:		
PDU 2.5/4 …		
PTR 2.5/4 …		
PDK 2.5/4 …		
PDU 6/10 …		
PDU 16 …		

Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

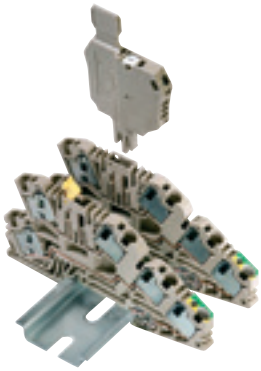
Technical data	
Product type	
Ordering data	
	One-sided, without peg
	One-sided, with peg
	Two-sided without pin
	Two-sided, with pin

BZT 1/BZT 2

Marker holder

Type	Qty.	Order No.
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000
BZT 2 ZA WS 10/5	100	1805530000
For terminal:		
PDK 2.5/4 …		
PDL 4 …		

SIHA fuse holder



For 5 x 20 G-fuse cartridges
The SIHA fuse holder converts a simple terminal into a fuse terminal in next to no time.

Simply remove the disconnect lever and insert the fuse plug.

Better: order the PDL 4... OTNHE and insert the SIHA immediately.

- Simple handling without tools
- Housing made of Wemid (V0)
- Rated current 6.3 A
- Even fits on 5 mm wide terminals when fitted in offset arrangement

- Identification position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20

1. Open fuse holder with fingers or screwdriver.

2. Press out old fuse.

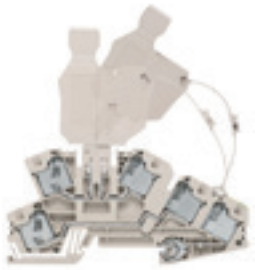
3. Position new fuse.

4. Press fuse holder together again with fingers or screwdriver.

SIHA 3

	Qty.	Order No.
without LED		
SIHA3/G20		
400 V	1	**7921560000**
with LED (red)		
SIHA3/G20		
10 - 36 V	1	**7921570000**
35 - 70 V	1	**7921580000**
60 - 150 V	1	**7921590000**
140 - 250 V	1	**7921600000**
For test-disconnect terminals versions		
PTR 2.5/4...		
PDL 4 TR/...		

SIHA STRAP



	Qty.	Order No.
with strap		
SIHA STRAP		
	20	**9537680000**

Connector for retro-fit assembly
- Receptacle in the terminal is the identification position
- Integrated identification position on the strap
- Slots into fuse holder either on the left or on the right

Applications with PTR 2.5/4..., PDL 4 TR/... and SIHA 3

		Short-circuit protection		Overload and short-circuit protection	
		Nom. value		Nom. value	
		Power loss	Rated current	Power loss	Rated current
PTR 2.5/4...	Single	4.0 W	6.3 A	1.6 W	6.3 A
	Group	1.6 W	6.3 A		
PDL 4 TR/...	Single	1.6 W	6.3 A	1.6 W	6.3 A
und SIHA 3	Group	1.6 W	6.3 A		

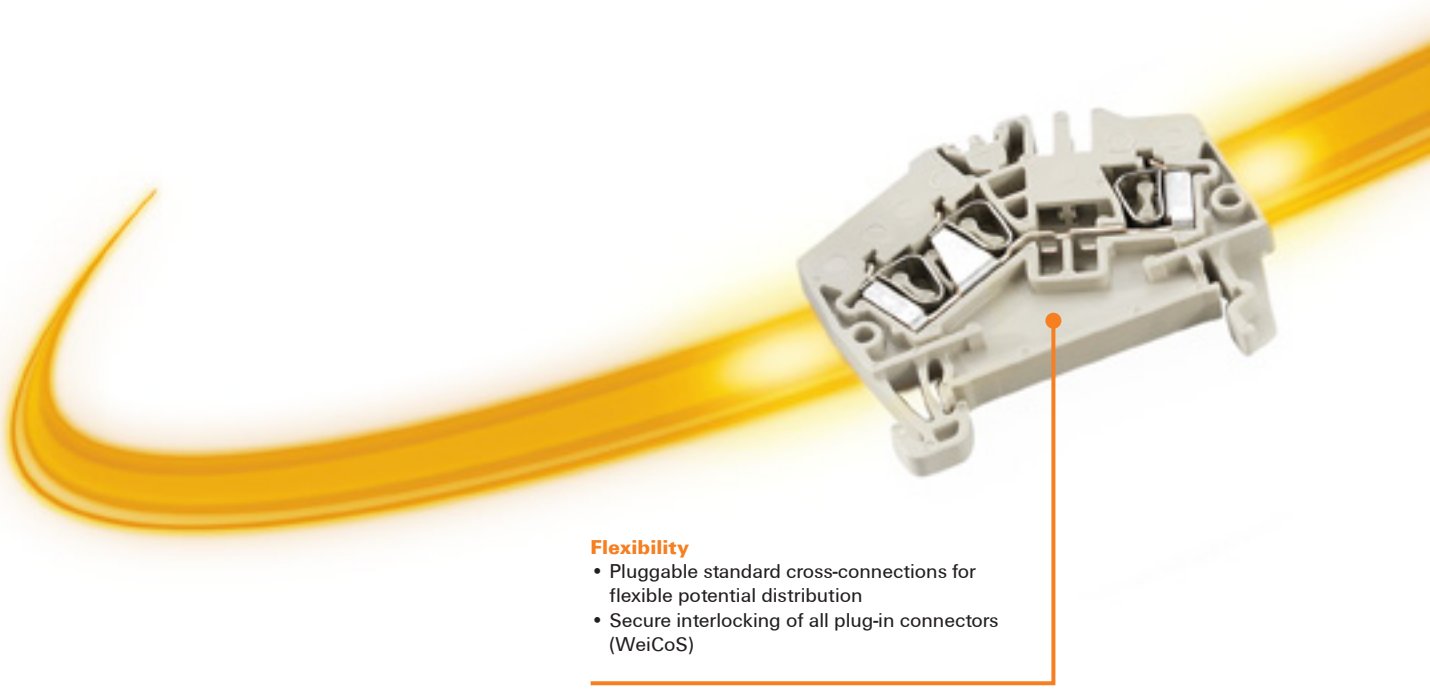
Flexible in wiring, vibration-resistant in operation

Klippon® Connect with proven tension clamp technology

Whether in machine construction, the automotive industry or railway and shipping: wherever there is a requirement for a particularly vibration-resistant contact, tension clamp technology proves extremely reliable. At the same time, our terminal blocks with proven tension clamp technology are perfect for compact yet manageable panel construction. The wide range with numerous additional functions and pluggable terminal blocks (WeiCoS), the wide clamping range and up to two cross-connection channels make the Z-Series perfectly adaptable to all requirements. Pluggable standard cross-connections enable flexible potential distribution.

Our promise

Klippon® Connect helps you reliably achieve a range of applications. Our terminal blocks with tension clamp technology are impressively compact and flexible. They contribute to highly efficient panel construction and improved productivity.

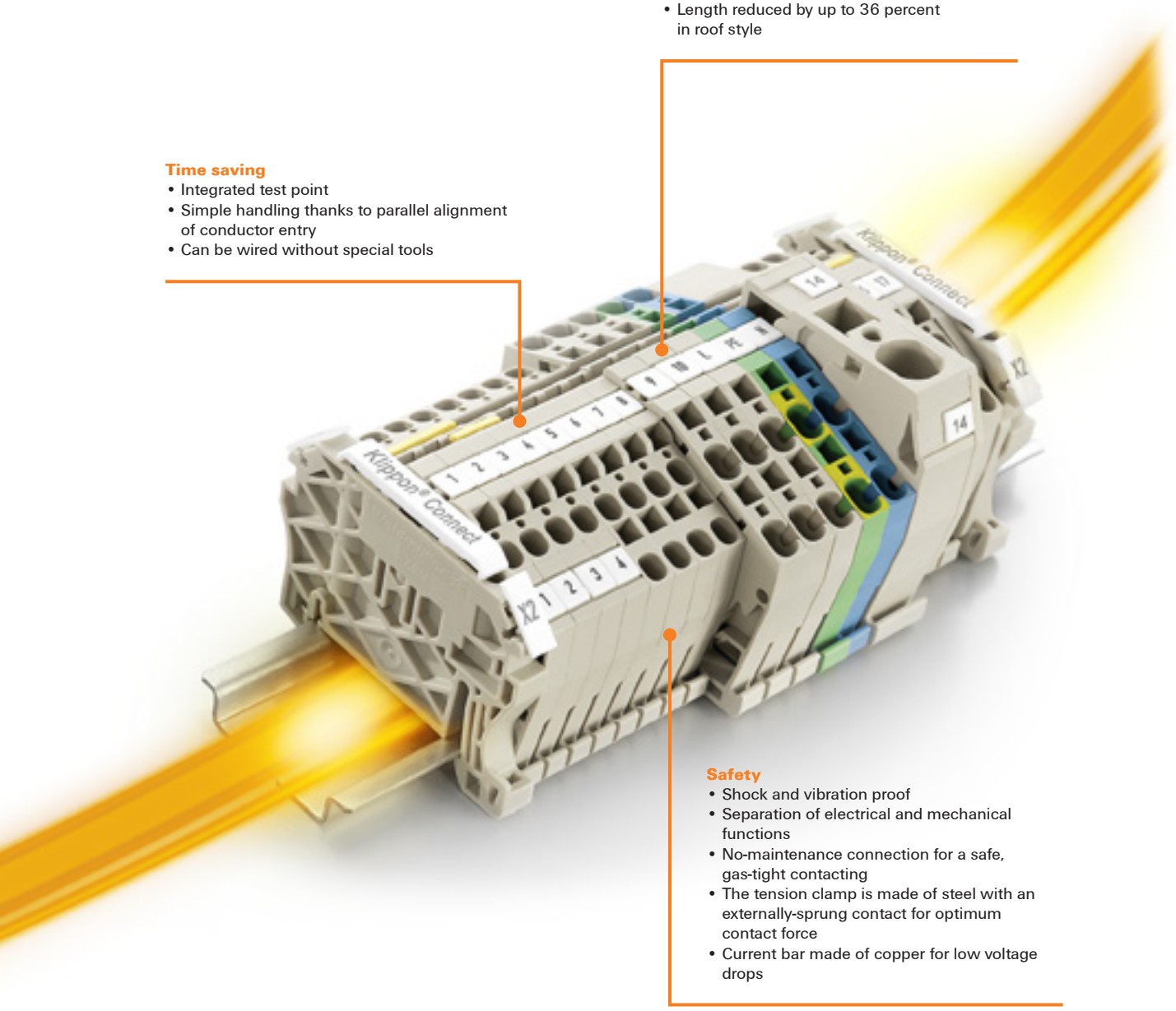


Flexibility

- Pluggable standard cross-connections for flexible potential distribution
- Secure interlocking of all plug-in connectors (WeiCoS)

Space saving
- Compact design
- Length reduced by up to 36 percent in roof style

Time saving
- Integrated test point
- Simple handling thanks to parallel alignment of conductor entry
- Can be wired without special tools



Safety
- Shock and vibration proof
- Separation of electrical and mechanical functions
- No-maintenance connection for a safe, gas-tight contacting
- The tension clamp is made of steel with an externally-sprung contact for optimum contact force
- Current bar made of copper for low voltage drops

Overview

Exceptionally practical:
The Z-Series has an impressive, practical design and comes in two variants: standard and roof. Our standard models cover wire cross-sections from 0.05 to 35 mm². Terminal blocks for wire cross-sections from 0.13 to 16 mm² are available as roof variants. The striking shape of the roof style gives a reduction in length of up to 36 percent compared to standard terminal blocks.

Simple and clear:
Despite their compact width of just 5 mm (2 connections) or 10 mm (4 connections), our block terminals guarantee absolute clarity and ease of handling thanks to the top-entry conductor feeds. This means the wiring is clear even in terminal boxes with restricted space.

ZDUB 2.5-2/2AN/TS15 — 2.5 mm²

Two connections

ZDUB 2.5-2/4AN/TS15 — 2.5 mm²

Four connections

Width/Height/Depth	mm	5.1 x 33.5 x 31	10.2 x 33.5 x 31
max. current / max. cond. cross-section	A/mm²	**30 / 4**	**30 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**

Technical data

Rated data		ZDUB 2.5-2/2AN/TS15	ZDUB 2.5-2/4AN/TS15
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II	Ex e II
for wire cross-section	mm²	II 2 G D	II 2 G D
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm²
8 kV / 3			
A2 / V-0			
KEMA97ATEX2755U			

Rated connection	ZDUB 2.5-2/2AN/TS15	ZDUB 2.5-2/4AN/TS15
0.5...4		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		

Note	ZDUB 2.5-2/2AN/TS15	ZDUB 2.5-2/4AN/TS15
	TS 15 - block construction	TS 15 - block construction

Ordering data

Version	ZDUB 2.5-2/2AN/TS15	ZDUB 2.5-2/4AN/TS15
dark beige		
blue		
orange		

Type	Qty.	Order No.
ZDUB 2.5-2/2AN/15	100	**1712750000**
ZDUB 2.5-2/2AN/15 BL	100	**1712760000**
ZDUB 2.5-2/2AN/15 OR	100	**1712770000**

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/15	100	**1712780000**
ZDUB 2.5-2/4AN/15 BL	100	**1712790000**
ZDUB 2.5-2/4AN/15 OR	100	**1712800000**

Note

Accessories

Pluggable cross-connection

Type	current	Qty.	Order No.
ZQB 2.5-2	24 A	50	**1677120000**
2-pole			
10-pole			
End plate / Partition plate			
dark beige			
Blue			
orange			
End bracket			
beige			
Screwdriver			
Standard			
Identification systems			
ZAP ZDUB		50	**1704750000**
ZAP ZDUB BL		50	**1704760000**
ZAP ZDUB OR		50	**1704770000**
ZEW 15		20	**7920340000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Type	current	Qty.	Order No.
ZQB 2.5-2	24 A	50	**1677120000**
ZAP ZDUB		50	**1704750000**
ZAP ZDUB BL		50	**1704760000**
ZAP ZDUB OR		50	**1704770000**
ZEW 15		20	**7920340000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

ZDUA 2.5-2 — 2.5 mm²

Two connections

5.1 x 35 x 30
30 / 4
0.13...4

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	600	600	275
24	20	20	20
2.5	AWG 26...12	AWG 26...12	2.5 mm²
	6 kV / 3		
	A2 / V-0		
			KEMA97ATEX4678U

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Type	Qty.	Order No.
ZDUA 2.5-2	100	1720920000
ZDUA 2.5-2 BL	100	1720930000
ZDUA 2.5-2 OR	100	1720940000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZAP/TW ZDUA		50	1720960000
ZAP/TW ZDUA BL		50	1720970000
ZAP/TW ZDUA OR		50	1720980000
ZEW 15		20	7920340000
SDIS SL 0.6X3.5X100		1	1274660000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDUA 2.5-2N — 2.5 mm²

Two connections

5.1 x 42.5 x 35
30 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A2 / V-0		

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

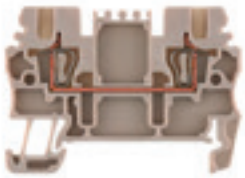
TS 15 - sliced construction

Type	Qty.	Order No.
ZDUA 2.5-2N	100	1808200000
ZDUA 2.5-2N BL	100	1808180000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZAP/TW ZDUA2.5-2N		50	1808170000
ZEW 15		20	7920340000
SDIS SL 0.6X3.5X100		1	1274660000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

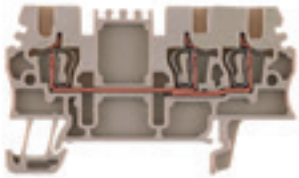
ZDU 1.5 — 1.5 mm²

Two connections

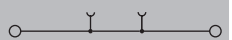


ZDU 1.5/3 AN — 1.5 mm²

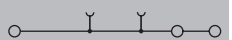
Three connections



Width/Height/Depth	mm	3.5 x 51.5 x 36.5
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**
Max. clamping range	mm²	**0.05...1.5**



Width/Height/Depth	mm	3.5 x 63.5 x 36.5
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**
Max. clamping range	mm²	**0.05...1.5**



Technical data

Rated data		IEC 60947-7-1	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	550
Rated current	A	17.5	15	20	15
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14	1.5 mm²
Rated impulse withstand voltage / Pollution severity		6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		B1 / V-0			
Approvals		KEMA01ATEX2106U			
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm			

Rated data		IEC 60947-7-1	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	550
Rated current	A	17.5	15	20	15
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14	1.5 mm²
Rated impulse withstand voltage / Pollution severity		6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		B1 / V-0			
Approvals		KEMA01ATEX2106U			
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 1.5	100	**1775480000**
blue	ZDU 1.5 BL	100	**1775490000**

Note

Version	Type	Qty.	Order No.
dark beige	ZDU 1.5/3AN	100	**1775530000**
blue	ZDU 1.5/3AN BL	100	**1775540000**

Note

Accessories

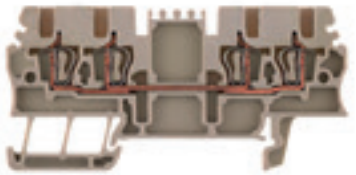
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 1.5/2	17.5 A	60	**1776120000**
4-pole				
10-pole	ZQV 1.5/10	17.5 A	20	**1776200000**
End plate / Partition plate				
dark beige	ZAP/TW ZDU1.5/2AN		20	**1776030000**
Blue	ZAP/TW ZDU1.5/2AN BL		20	**1776040000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
Standard	ZTA 5		25	**1776210000**
With spigot	ZTA 5/ZA		25	**1776220000**
Screwdriver				
Standard	SDS 0.4X2.0X60		1	**9037160000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	**1781950000**
Cover				
With lightning flash symbol	ZAD 7/4		20	**1781940000**
Identification systems				
	DEK 5/3.5 MC NE WS		500	**1755270000**
	WS 12/3.5 MC NE WS		600	**1778270000**
	DEK 5/3.5 MM WS		1000	**2007100000**
	WS 8/3.5 MM WS		1000	**2007140000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 1.5/2	17.5 A	60	**1776120000**
4-pole				
10-pole	ZQV 1.5/10	17.5 A	20	**1776200000**
End plate / Partition plate				
dark beige	ZAP/TW ZDU1.5/3AN		20	**1776060000**
Blue	ZAP/TW ZDU1.5/3AN BL		20	**1776070000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
Standard	ZTA 5		25	**1776210000**
With spigot	ZTA 5/ZA		25	**1776220000**
Screwdriver				
Standard	SDS 0.4X2.0X60		1	**9037160000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	**1781950000**
Cover				
With lightning flash symbol	ZAD 7/4		20	**1781940000**
Identification systems				
	DEK 5/3.5 MC NE WS		500	**1755270000**
	WS 12/3.5 MC NE WS		600	**1778270000**
	DEK 5/3.5 MM WS		1000	**2007100000**
	WS 8/3.5 MM WS		1000	**2007140000**

For detailed information on other accessories and application in the online catalogue

ZDU 1.5/4 AN — 1.5 mm²

Four connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	15
1.5	AWG 26...14	AWG 26...14	1.5 mm²
	6 kV / 3		
	B1 / V-0		

KEMA01ATEX2106U

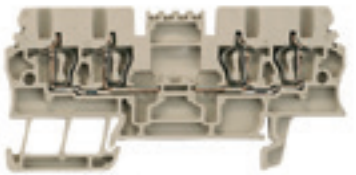
Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZDU 1.5/4AN	100	1775580000
ZDU 1.5/4AN BL	100	1775600000

Type	current	Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDU1.5/3AN		20	1776060000
ZAP/TW ZDU1.5/3AN BL		20	1776070000
ZEW 35		20	9540000000
ZTA 5		25	1776210000
ZTA 5/ZA		25	1776220000
SDS 0.4X2.0X60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZAD 7/4		20	1781940000
DEK 5/3.5 MC NE WS		500	1755270000
WS 12/3.5 MC NE WS		600	1778270000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000

ZDU 1.5 2x2AN — 1.5 mm²

2 x 2 connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
		6 kV / 3	
		B1 / V-0	

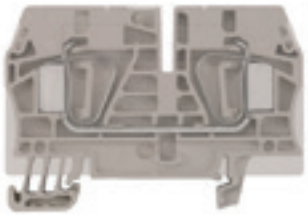
Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZDU 1.5/2X2AN	100	1826970000
ZDU 1.5/2X2AN BL	100	1826990000

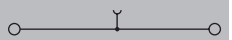
Type	current	Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDU1.5/4AN		20	1776090000
ZAP/TW ZDU1.5/4AN BL		20	1776100000
ZEW 35		20	9540000000
ZTA 5		25	1776210000
ZTA 5/ZA		25	1776220000
SDS 0.4X2.0X60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZAD 7/4		20	1781940000
DEK 5/3.5 MC NE WS		500	1755270000
WS 12/3.5 MC NE WS		600	1778270000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000

ZEI 6 — 6 mm²

Supply terminal



10 x 65 x 45
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
		8 kV / 4	
		A5 / V-0	

Rated connection
0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

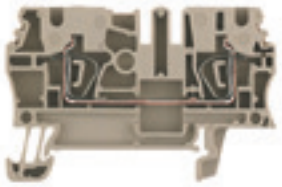
Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty.	Order No.
ZEI 6	20	1791190000

End plate is integrated.

Type	current	Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZEW 35		20	9540000000
ZTA 3 ZDU6		25	1654050000
SDIS SL 0.8X4.0X100		1	1274670000
ZAD 3/4		20	1609120000
DEK 8 FSZ 1-10		500	1289660001
WS 12/6 MC NE WS		600	1609900000

The plug-in cross-connections ZQV 1.5/... can be used.

	ZDU 2.5	ZDU 2.5/3AN
	2.5 mm²	2.5 mm²
	Two connections	Three connections
		
Width/Height/Depth mm	5.1 x 59.5 x 38.5	5.1 x 64.5 x 38.5
max. current / max. cond. cross-section A/mm²	31 / 4	31 / 4
Max. clamping range mm²	0.05...4	0.05...4

Technical data

	ZDU 2.5	ZDU 2.5/3AN
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex e II II 2 G D	Ex e II II 2 G D
for wire cross-section mm²	IEC: 800 / UL: 600 / CSA: 600 / EN 60079-7: 550	IEC: 800 / UL: 600 / CSA: 600 / EN 60079-7: 550
Rated impulse withstand voltage / Pollution severity	IEC: 24 / UL: 25 / CSA: 27 / EN 60079-7: 21	IEC: 24 / UL: 25 / CSA: 27 / EN 60079-7: 21
Gauge to IEC 60947-1 / UL 94 flammability rating	for wire cross-section: 2.5 / AWG 30...12 / AWG 26...12 / 2.5 mm²	for wire cross-section: 2.5 / AWG 30...12 / AWG 26...12 / 2.5 mm²
Approvals	8 kV / 3	8 kV / 3
	A3 / V-0	A3 / V-0
	KEMA97ATEX2521U	KEMA97ATEX2521U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 2.5	100	1608510000
blue	ZDU 2.5 BL	100	1608520000
Note	Rated voltage is reduced to 400 V when using the cross-connector.		

Version	Type	Qty.	Order No.
dark beige	ZDU 2.5/3AN	100	1608540000
blue	ZDU 2.5/3AN BL	100	1608550000
Note	Rated voltage is reduced to 400 V when using the cross-connector.		

Accessories

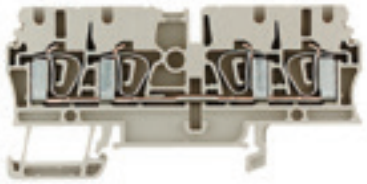
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
4-pole				
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW 1		50	1608740000
Blue	ZAP/TW 1 BL		50	1608750000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 1		25	1609040000
With spigot	ZTA 1/ZA		25	1609050000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS		1000	1614300000
For conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0		1000	1614290000
Cover				
With lightning flash symbol	ZAD 1/4		20	1609110000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
4-pole				
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW 2 DB		50	1608770000
Blue	ZAP/TW 2 BL		50	1608780000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 1		25	1609040000
With spigot	ZTA 1/ZA		25	1609050000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS		1000	1614300000
For conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0		1000	1614290000
Cover				
With lightning flash symbol	ZAD 1/4		20	1609110000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDU 2.5/4AN — 2.5 mm²

Four connections



5.1 x 79.5 x 38.5
27 / 4
0.05...4

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	27	21
2.5	AWG 30...12	AWG 26...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		

KEMA97ATEX2521U

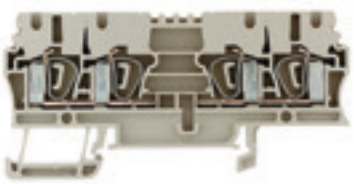
Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/4AN	100	1608570000
ZDU 2.5/4AN BL	100	1608580000

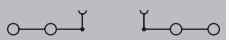
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW 3		50	1608800000
ZAP/TW 3 BL		50	1608810000
ZEW 35		20	9540000000
ZTA 1		25	1609040000
ZTA 1/ZA		25	1609050000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
ZAD 1/4		20	1609110000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDU 2.5/2x2AN — 2.5 mm²

Two potentials feasible



5.1 x 79.5 x 38.5
30 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	27	21
2.5	AWG 26...12	AWG 26...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		

KEMA97ATEX2521U

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/2X2AN	100	1608600000
ZDU 2.5/2X2AN BL	100	1608610000

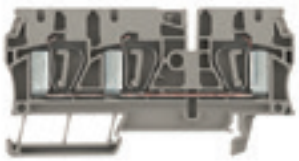
Type	current	Qty.	Order No.
ZAP/TW 3		50	1608800000
ZAP/TW 3 BL		50	1608810000
ZEW 35		20	9540000000
ZTA 1		25	1609040000
ZTA 1/ZA		25	1609050000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
ZAD 1/4		20	1609110000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

ZDU 4 — 4 mm²

Two connections

ZDU 4/3 AN — 4 mm²

Three connections



		ZDU 4	ZDU 4/3 AN
Width/Height/Depth	mm	6.1 x 62 x 43	6.1 x 83.5 x 43
max. current / max. cond. cross-section	A/mm²	41 / 6	41 / 6
Max. clamping range	mm²	0.13...6	0.13...6

Technical data

		ZDU 4	ZDU 4/3 AN
Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II	Ex e II
for wire cross-section	mm²	II 2 G D	II 2 G D
Rated impulse withstand voltage / Pollution severity		IEC: 800 / 32 / 4	IEC: 800 / 32 / 4
Gauge to IEC 60947-1 / UL 94 flammability rating		UL: 600 / 33 / AWG 26...10	UL: 600 / 33 / AWG 26...10
Approvals		CSA: 600 / 35 / AWG 26...10	CSA: 600 / 35 / AWG 26...10
		EN 60079-7: 550 / 28 / 4 mm²	EN 60079-7: 550 / 28 / 4 mm²
		8 kV / 3	8 kV / 3
		A4 / V-0	A4 / V-0
		KEMA97ATEX2521U	KEMA00ATEX2107U
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		When using twin ferrules, the rated voltage is 690 V.	When using twin ferrules, the rated voltage is 690 V.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 4	100	1632050000
blue	ZDU 4 BL	100	1632060000

Version	Type	Qty.	Order No.
dark beige	ZDU 4/3AN	50	7904180000
blue	ZDU 4/3AN BL	50	7904190000

Accessories

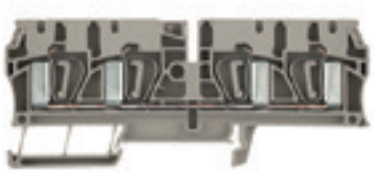
	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	1608950000
4-pole				
10-pole	ZQV 4/10 GE	32 A	20	1609030000
End plate / Partition plate				
dark beige	ZAP/TW 4		50	1632090000
Blue	ZAP/TW 4 BL		50	1632100000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 2 ZDU4		25	1609060000
With spigot	ZTA 2/ZA ZDU4		25	1609070000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 4/1 WS		1000	1636640000
Cover				
With lightning flash symbol	ZAD 2/4		20	1609080000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 10/6 MC NE WS		600	1828450000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000

	Type	current	Qty.	Order No.
	ZQV 4/2 GE	32 A	60	1608950000
	ZQV 4/10 GE	32 A	20	1609030000
	ZAP/TW 4/3AN		20	7904100000
	ZAP/TW 4/3AN BL		20	7904110000
	ZEW 35		20	9540000000
	ZTA 2 ZDU4		25	1609060000
	ZTA 2/ZA ZDU4		25	1609070000
	SDIS SL 0.6X3.5X100		1	1274660000
	ZRH 4/1 WS		1000	1636640000
	ZAD 2/4		20	1609080000
	DEK 5/6 MC NE WS		1000	1609820000
	WS 12/6 MC NE WS		600	1609900000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000

For detailed information on other accessories and application in the online catalogue

ZDU 4/4 AN — 4 mm²

Four connections



6.1 x 104.5 x 43
41 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26...10	AWG 26...10	4 mm²
8 kV / 3			
A4 / V-0			

KEMA00ATEX2107U

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

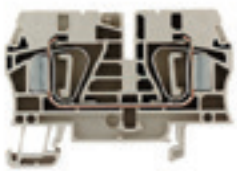
When using twin ferrules, the rated voltage is 690 V.

Type	Qty.	Order No.
ZDU 4/4AN	50	7904290000
ZDU 4/4AN BL	50	7904300000

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP/TW4/4AN		20	7904210000
ZAP/TW4/4AN BL		20	7904220000
ZEW 35		20	9540000000
ZTA 2 ZDU4		25	1609060000
ZTA 2/ZA ZDU4		25	1609070000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS		1000	1636640000
ZAD 2/4		20	1609080000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000

ZDU 6 — 6 mm²

Two connections



8.1 x 65 x 45
57 / 10
0.22...10

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	36
6	AWG 22...8	AWG 20...8	6 mm²
8 kV / 3			
A5 / V-0			

KEMA97ATEX2521U

Rated connection
0.5...10
0.5...6 / 0.5...6
13 / 1.0 x 5.5 mm

The ZH 0.5 - ZH 2.5 twin ferrules can be used.

Type	Qty.	Order No.
ZDU 6	50	1608620000
ZDU 6 BL	50	1608630000

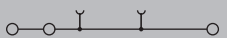
1000 V DC rated voltage tested.

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP/TW 5		50	1608830000
ZAP/TW 5 BL		50	1608840000
ZEW 35		20	9540000000
ZTA 3 ZDU6		25	1654050000
SDIS SL 1.0X5.5X125		1	1274680000
ZAD 3/4		20	1609120000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6 MC NE WS		600	1609900000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZDU 6/3 AN — 6 mm²

Three connections

8.1 x 90 x 45
57 / 10
0.22...10



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	36
6	AWG 22...8	AWG 20...8	6 mm²
8 kV / 3			
A5 / V-0			

KEMA00ATEX2107U

Rated connection
0.5...10
0.5...6 / 0.5...6
13 / 1.0 x 5.5 mm

The ZH 0.5 - ZH 2.5 twin ferrules can be used.

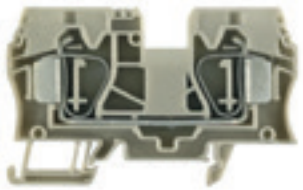
Type	Qty.	Order No.
ZDU 6/3AN	50	7907410000
ZDU 6/3AN BL	50	7907420000

1000 VDC rated voltage tested.

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP/TW6/3AN		20	7907370000
ZAP/TW6/3AN BL		20	7907380000
ZEW 35		20	9540000000
ZTA 3 ZDU6		25	1654050000
SDIS SL 1.0X5.5X125		1	1274680000
ZAD 3/4		20	1609120000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6 MC NE WS		600	1609900000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZDU 10 — 10 mm²

Two connections



Width/Height/Depth	10 x 73.5 x 49.5 mm
max. current / max. cond. cross-section	72 / 16 A/mm²
Max. clamping range	1.31...16 mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	550
57	60	55	50
10	AWG 16...6	AWG 16...6	10 mm²
	8 kV / 3		
	A6 / V-0		
			KEMA99ATEX5514U

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Rated connection
1.5...1.5 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Note

Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 10	25	1746750000
blue	ZDU 10 BL	25	1746760000

Note

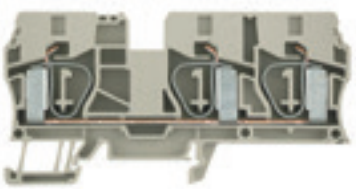
1000 VDC rated voltage tested.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 10/2		25	1739680000
4-pole				
End plate / Partition plate				
dark beige	ZAP/TW ZDU10		20	1748660000
Blue	ZAP/TW ZDU10 BL		20	1764110000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SL 1.0X5.5X125		1	1274680000
Cover				
With lightning flash symbol	ZAD 4/5		20	1746730000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000

ZDU 10/3AN — 10 mm²

Three connections



Width/Height/Depth	10 x 99 x 49.5 mm
max. current / max. cond. cross-section	57 / 16 A/mm²
Max. clamping range	1.31...16 mm²

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	60	55	50
10	AWG 16...6	AWG 16...6	10 mm²
	8 kV / 3		
	A6 / V-0		
			KEMA00ATEX2107U

Rated connection
1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.

Type	Qty.	Order No.
ZDU 10/3AN	20	1767690000
ZDU 10/3AN BL	20	1767700000

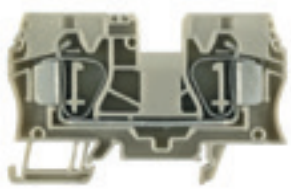
1000 VDC rated voltage tested.

Type	current	Qty.	Order No.
ZQV 10/2		25	1739680000
ZAP/TW 10/16		20	1749580000
ZAP/TW 10/16 BL		20	1768520000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
ZAD 4/5		20	1746730000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000

For detailed information on other accessories and application in the online catalogue

ZDU 16 — 16 mm²

Two connections



12.1 x 82.5 x 50.5
98 / 25
1.5...25

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	65	65	66
16	AWG 14...4	AWG 14...4	16 mm²
8 kV / 3			
A7 / V-0			

KEMA99ATEX5514U

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16. Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.

Type	Qty.	Order No.
ZDU 16	25	1745230000
ZDU 16 BL	25	1745240000
1000 VDC rated voltage tested.		

Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
ZAP/TW ZDU16		20	1745150000
ZAP/TW ZDU16 BL		20	1764100000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
ZAD 5/5		20	1745210000
DEK 5/5 MC NE WS		1000	1609801044
WS 15/5 MC NE WS		480	1609880000

ZDU 16/3 AN — 16 mm²

Three connections

12.1 x 99 x 50.5
76 / 25
1.5...25

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	65	65	66
16	AWG 14...4	AWG 14...4	16 mm²
8 kV / 3			
A7 / V-0			

KEMA00ATEX2107U

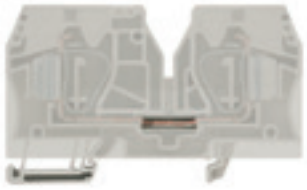
Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZDU 16/3AN	20	1768320000
ZDU 16/3AN BL	20	1768330000
1000 VDC rated voltage tested.		

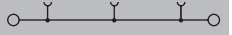
Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
ZAP/TW 10/16		20	1749580000
ZAP/TW 10/16 BL		20	1768520000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
ZAD 5/5		20	1745210000
DEK 5/5 MC NE WS		1000	1609801044
WS 15/5 MC NE WS		480	1609880000

ZEI 16 — 16 mm²

Supply terminal



14.7 x 82.5 x 50.5
76 / 25
1.5...25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	
8 kV / 3			
A7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZEI 16	20	1745350000
ZEI 16 BL	20	1766240000
Integrated end plate.		

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 6/4 GE	41 A	60	1627870000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
ZAD 5/5		20	1745210000
DEK 5/5 MC NE WS		1000	1609801044
WS 15/5 MC NE WS		480	1609880000

ZDU 35 — 35 mm²

Two connections

Width/Height/Depth	mm	16 x 100.5 x 58.5
max. current / max. cond. cross-section	A/mm²	**125 / 35**
Max. clamping range	mm²	**2.5...35**

Technical data

Rated data				
Rated voltage	V	800	600	690
Rated current	A	125	120	109
for wire cross-section	mm²	35	AWG 12...2	AWG 12...2	35 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A8 / V-0		
Approvals				KEMA00ATEX2107U
Clamped conductors (H05V/H07V)				
Solid / Stranded	mm²	2.5...16 / 2.5...35		
Flexible / Flexible with ferrule	mm²	2.5...35 / 2.5...35		
Stripping length / Blade size	mm/-	25 / 1.0 x 5.5 mm		

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7

Rated connection

Note

Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10. Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 35	10	**1739620000**
blue	ZDU 35 BL	10	**1739630000**

Note

End plate is integrated.1000 VDC rated voltage tested.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 35/2	105 A	10	**1739700000**
4-pole				
End plate / Partition plate				
dark beige				
Blue				
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SL 1.0X5.5X125		1	**1274680000**
Cover				
With lightning flash symbol	ZAD 6/5		20	**1752620000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 15/5 MC NE WS		480	**1609880000**

For detailed information on other accessories and application in the online catalogue

ZDU 2.5-2 — 2.5 mm²

Two connections

Width/Height/Depth	5.1 x 50.5 x 43 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.13...4 mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Note

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	24	24	21
2.5	AWG 26...12	AWG 26...12	2.5 mm²
8 kV / 3			
A2 / V-0			
KEMA97ATEX4677U			

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
	dark beige
	blue

Note

Type	Qty.	Order No.
ZDU 2.5-2	100	1772060000
ZDU 2.5-2 BL	100	1772070000

Rated voltage is reduced to 400 V when using the cross-connector.

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0.5 mm² / AWG 20
	For conductors < 1.0 mm² / AWG 18
Cover	
	With lightning flash symbol
Identification systems	

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW7		50	1706110000
ZAP/TW7 BL		50	1706120000
ZEW 35		20	9540000000
ZTA 4		25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000
DEK 5/5 MC SDR		200	1609810000
WS 14/5 MC NE WS		480	1768090000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 2.5-2/3AN — 2.5 mm²

Three connections

Width/Height/Depth	5.1 x 50.5 x 43 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.13...4 mm²

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	23	21
2.5	AWG 26...12	AWG 26...14	2.5 mm²
8 kV / 3			
A2 / V-0			
KEMA97ATEX4677U			

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5-2/3AN	100	1706010000
ZDU 2.5-2/3AN BL	100	1706040000

Rated voltage is reduced to 400 V when using the cross-connector.

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW7		50	1706110000
ZAP/TW7 BL		50	1706120000
ZEW 35		20	9540000000
ZTA 4		25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000
DEK 5/5 MC SDR		200	1609810000
WS 14/5 MC NE WS		480	1768090000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 2.5-2/4AN — 2.5 mm²

Four connections

5.1 x 50.5 x 43
24 / 4
0.13...4

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	23	21
2.5	AWG 26...12	AWG 26...14	2.5 mm²
8 kV / 3			
A2 / V-0			

KEMA97ATEX4677U

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5-2/4AN	100	1706060000
ZDU 2.5-2/4AN BL	100	1706070000

The wire cross section is decreased to 1.5 mm² when using the ZQB 2.5 for single core and finely stranded wires.

Type	current	Qty.	Order No.
ZQB 2.5-2	24 A	50	1677120000
ZAP/TW7		50	1706110000
ZAP/TW7 BL		50	1706120000
ZEW 35		20	9540000000
ZTA 4		25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000
DEK 5/5 MC SDR		200	1609810000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 4-2 — 4 mm²

Two connections

6.1 x 61.5 x 45.5
32 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26...10	AWG 26...10	4 mm²
8 kV / 3			
A3 / V-0			

KEMA97ATEX4677U

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/2AN	100	1770370000
ZDU 4-2/2AN BL	100	1770840000

Rated voltage is reduced to 400 V when using the cross-connector.

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP ZDU4-2		50	1770400000
ZAP ZDU4-2 BL		50	1770880000
ZEW 35		20	9540000000
ZTA 6/ZA		25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZAD 1/4		20	1609110000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 4-2/3AN — 4 mm²

Three connections

6.1 x 61.5 x 45.5
38 / 6
0.13...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26...10	AWG 26...10	4 mm²
8 kV / 3			
A3 / V-0			

KEMA97ATEX4677U

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/3AN	100	1770360000
ZDU 4-2/3AN BL	100	1770860000

Rated voltage is reduced to 400 V when using the cross-connector.

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP ZDU4-2		50	1770400000
ZAP ZDU4-2 BL		50	1770880000
ZEW 35		20	9540000000
ZTA 6/ZA		25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZAD 1/4		20	1609110000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

The rated voltage is reduced to 250 V on use of shield bus LS 2.8 (1056400000).

Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

		ZDU 4-2/3AN LSC	4 mm²	ZDU 4-2/4AN	4 mm²
		Three connections		Four connections	

Width/Height/Depth	mm	6.1 x 61.5 x 45.5	6.1 x 75.1 x 45.5
max. current / max. cond. cross-section	A/mm²	**38 / 6**	**32 / 6**
Max. clamping range	mm²	**0.13...6**	**0.13...6**

Technical data

		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1		Ex e II	II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	800				800	600	600	550
Rated current	A	32				32	33	35	28
for wire cross-section	mm²	4				4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0		
Approvals		CE				CE			KEMA97ATEX4677U
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...6				0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note		The ZDU 4-2/3AN LSC version can be mounted on a 40 mm Lütze frame.							

Ordering data

Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	ZDU 4-2/3AN LSC	100	**1790520000**	ZDU 4-2/4AN	100	**1806980000**
	blue				ZDU 4-2/4AN BL	100	**1806990000**
Note		Rated voltage is reduced to 400 V when using the cross-connector.			Rated voltage is reduced to 400 V when using the cross-connector.		

Accessories

Pluggable cross-connection		**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
	2-pole	ZQV 4/2 GE	32 A	60	**1608950000**	ZQV 4/2 GE	32 A	60	**1608950000**
	4-pole								
	10-pole	ZQV 4/10 GE	32 A	20	**1609030000**	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate									
	dark beige	ZAP ZDU4-2		50	**1770400000**	ZAP ZDU4-2/4AN		50	**1807010000**
	Blue	ZAP ZDU4-2 BL		50	**1770880000**	ZAP ZDU4-2/4AN BL		50	**1807020000**
End bracket									
	dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter									
	With spigot	ZTA 6/ZA		25	**1780660000**	ZTA 6/ZA		25	**1780660000**
Screwdriver									
	Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Cover									
	With lightning flash symbol	ZAD 1/4		20	**1609110000**	ZAD 1/4		20	**1609110000**
Identification systems									
		DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/6 MC NE WS		1000	**1609820000**
		WS 12/6 MC NE WS		600	**1609900000**	WS 12/6 MC NE WS		600	**1609900000**
		DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
		WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

The rated voltage is reduced to 250 V on use of shield bus LS 2.8 (1056400000).

ZDU 6-2/2AN — 6 mm²

Two connections

8.1 x 68 x 49.5
41 / 10
0.22...10

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	36
6	AWG 22...8	AWG 20...8	6 mm²
8 kV / 3			
A5 / V-0			

KEMA97ATEX4677U

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

Type	Qty.	Order No.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000

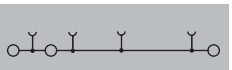
Rated voltage is reduced to 400 V when using the cross-connector.1000 VDC rated voltage tested.

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
ZTA 7/ZA		25	1780670000
SDIS SL 0.8X4.0X100		1	1274670000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZDU 6-2/3AN — 6 mm²

Three connections

8.1 x 68 x 49.5
41 / 10
0.22...10



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	36
6	AWG 22...8	AWG 20...8	6 mm²
8 kV / 3			
A5 / V-0			

KEMA97ATEX4677U

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

Type	Qty.	Order No.
ZDU 6-2/3AN	50	1771410000
ZDU 6-2/3AN BL	50	1771420000

Rated voltage is reduced to 400 V when using the cross-connector.

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
ZTA 7/ZA		25	1780670000
SDIS SL 0.8X4.0X100		1	1274670000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZEI 16-2 /1 AN — 16 mm²

Supply terminal

14 x 61.5 x 50.5
76 / 25
1.5...25

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	
6 kV / 3			
A7 / V-0			

Rated connection
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

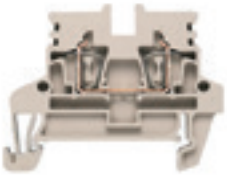
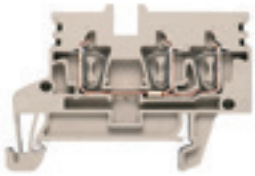
Type	Qty.	Order No.
ZEI 16-2/1AN	20	1772940000
ZEI 16-2/1AN BL	20	1772950000

End plate is integrated.

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZAP/Z...16-2/1AN		10	1772970000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
DEK 8 FSZ 1-10		500	1289660001

The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

	ZDU 2.5N	ZDU 2.5N/3AN
	2.5 mm²	2.5 mm²
	Two connections	Three connections
		
Width/Height/Depth mm	5.1 x 50.5 x 38.5	5.1 x 56.5 x 38.5
max. current / max. cond. cross-section A/mm²	24 / 4	24 / 4
Max. clamping range mm²	0.05...4	0.05...4

Technical data

Rated data	ZDU 2.5N	ZDU 2.5N/3AN
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	II 2 G D	II 2 G D
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	300	300	550	800	300	300	550
24	20	24	20.5	24	20	24	21.5
2.5	AWG 30...12	AWG 30...12	2.5 mm²	2.5	AWG 30...12	AWG 30...12	2.5 mm²
	6 kV / 3				6 kV / 3		
	A2 / V-0				A2 / V-0		
			KEMA06ATEX0271U				KEMA06ATEX0271U

Rated connection	ZDU 2.5N	ZDU 2.5N/3AN
	0.5...4 / 1.5...2.5	0.5...4 / 1.5...2.5
	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	ZDU 2.5N	50	**1933700000**	ZDU 2.5N/3AN	50	**1933720000**
blue	ZDU 2.5N BL	50	**1933710000**	ZDU 2.5N/3AN BL	50	**1933730000**
Note						

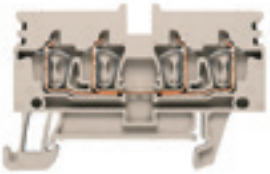
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	**1608860000**	ZQV 2.5/2		60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate								
dark beige	ZAP/TW ZDU/ZPE 2.5N		20	**1933790000**	ZAP/TW ZDU/ZPE 2.5N/3AN		50	**1933800000**
End bracket								
dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter								
Standard	ZTA ZT2.5		25	**1827080000**	ZTA ZT2.5		25	**1827080000**
With spigot	ZTA ZT2.5/ZA		25	**1847600000**	ZTA ZT2.5/ZA		25	**1847600000**
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves								
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**	ZRH 1.5H/1		1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**	ZRH 1.5H/2		1000	**1678800000**
Cover								
With lightning flash symbol	ZAD 9/4		20	**1934160000**	ZAD 9/4		20	**1934160000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 M MC NE WS		720	**1792000000**	WS 10/5 M MC NE WS		720	**1792000000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

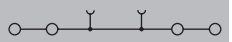
For detailed information on other accessories and application in the online catalogue	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).	2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

ZDU 2.5N/4AN — 2.5 mm²

Four connections



5.1 x 60 x 38.5
24 / 4
0.05...4



IEC 60947-7-1 — II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm²
	6 kV / 3		
	A2 / V-0		
			KEMA06ATEX0271U

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5N/4AN	50	**1933740000**
ZDU 2.5N/4AN BL	50	**1933750000**

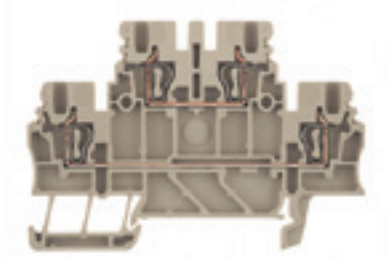
Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDU/ZPE 2.5N/4AN		50	**1933810000**
ZEW 35		20	**9540000000**
ZTA ZT2.5		25	**1827080000**
ZTA ZT2.5/ZA		25	**1847600000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
ZAD 9/4		20	**1934160000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Spring connection with tension clamp technology (Z-Series)
Feed-through terminal blocks

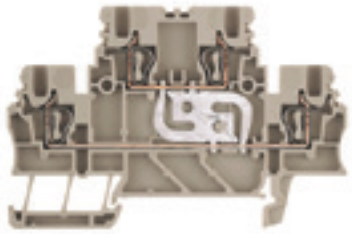
ZDK 1.5 — 1.5 mm²

Double-level terminal

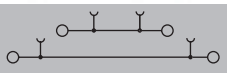


ZDK 1.5V — 1.5 mm²

Vertically cross-connected double-level terminal



		ZDK 1.5	ZDK 1.5V
Width/Height/Depth	mm	3.5 x 75.5 x 49.5	3.5 x 75.5 x 49.5
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**	**17.5 / 1.5**
Max. clamping range	mm²	**0.05...1.5**	**0.05...1.5**



Technical data

Rated data		ZDK 1.5	ZDK 1.5V
		IEC 60947-7-1	IEC 60947-7-1
		IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage	V	500 / 300 / 600	500 / 300 / 600
Rated current	A	17.5 / 10 / 10	17.5 / 10 / 10
for wire cross-section	mm²	1.5 / AWG 28...16 / AWG 28...16	1.5 / AWG 28...16 / AWG 28...16
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		B1 / V-0	B1 / V-0
Approvals		CE CSA cULus	CE CSA cULus
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / Stranded	mm²	0.5...1.5	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm	10 / 0.4 x 2.0 mm
Note			

Ordering data

Version		ZDK 1.5 Type	Qty.	Order No.	ZDK 1.5V Type	Qty.	Order No.
	dark beige	ZDK 1.5	100	**1791100000**	ZDK 1.5V	100	**1791130000**
	blue	ZDK 1.5 BL	100	**1791110000**	ZDK 1.5V BL	100	**1791140000**
Note							

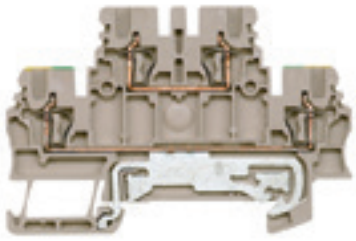
Accessories

Pluggable cross-connection		ZDK 1.5 Type	current	Qty.	Order No.	ZDK 1.5V Type	current	Qty.	Order No.
	2-pole	ZQV 1.5/2	17.5 A	60	**1776120000**	ZQV 1.5/2	17.5 A	60	**1776120000**
	10-pole	ZQV 1.5/10	17.5 A	20	**1776200000**	ZQV 1.5/10	17.5 A	20	**1776200000**
End plate / Partition plate									
	dark beige	ZAP/TW ZDK1.5		20	**1791160000**	ZAP/TW ZDK1.5		20	**1791160000**
	Blue	ZAP/TW ZDK1.5 BL		20	**1791170000**	ZAP/TW ZDK1.5 BL		20	**1791170000**
End bracket									
	dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter									
	Standard	ZTA 5		25	**1776210000**	ZTA 5		25	**1776210000**
	With spigot	ZTA 5/ZA		25	**1776220000**	ZTA 5/ZA		25	**1776220000**
Screwdriver									
	Standard	SDS 0.4X2.0X60		1	**9037160000**	SDS 0.4X2.0X60		1	**9037160000**
Reducing sleeves									
	For conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	**1781950000**	ZRH 1.5S/1		500	**1781950000**
Cover									
	With lightning flash symbol	ZAD 7/4		20	**1781940000**	ZAD 7/4		20	**1781940000**
Identification systems									
		DEK 5/3.5 MC NE WS		500	**1755270000**	DEK 5/3.5 MC NE WS		500	**1755270000**
		DEK 5/3.5 MM WS		1000	**2007100000**	DEK 5/3.5 MM WS		1000	**2007100000**
		WS 8/3.5 MM WS		1000	**2007140000**	WS 8/3.5 MM WS		1000	**2007140000**

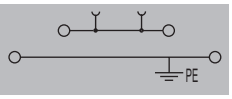
For detailed information on other accessories and application in the online catalogue

ZDK 1.5 DU-PE — 1.5 mm²

Double-level terminal (DU-PE)



3.5 x 75.5 x 49.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300		
17.5	10		
1.5	AWG 28...16	AWG 28...16	
	6 kV / 3		
	B1 / V-0		

CE

Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

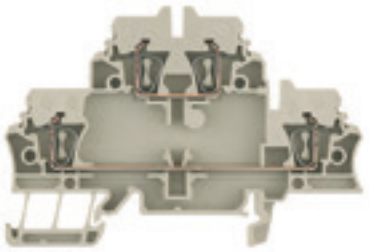
Type	Qty.	Order No.
ZDK 1.5DU-PE	100	**1791120000**

Upper level: feed-through terminal
Lower level: PE terminal

Type	current	Qty.	Order No.
ZQV 1.5/2	17.5 A	60	**1776120000**
ZQV 1.5/10	17.5 A	20	**1776200000**
ZAP/TW ZDK1.5		20	**1791160000**
ZAP/TW ZDK1.5 BL		20	**1791170000**
ZEW 35		20	**9540000000**
ZTA 5		25	**1776210000**
ZTA 5/ZA		25	**1776220000**
SDS 0.4X2.0X60		1	**9037160000**
ZRH 1.5S/1		500	**1781950000**
ZAD 7/4		20	**1781940000**
DEK 5/3.5 MC NE WS		500	**1755270000**
DEK 5/3.5 MM WS		1000	**2007100000**
WS 8/3.5 MM WS		1000	**2007140000**

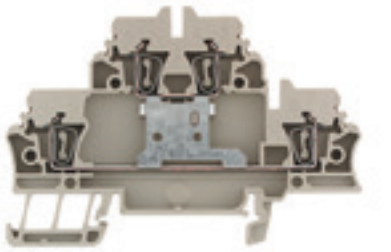
ZDK 2.5 — 2.5 mm²

Double-level terminal

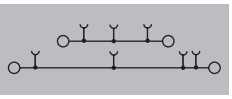


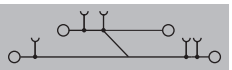
ZDK 2.5 V — 2.5 mm²

Vertically cross-connected double-level terminal



		ZDK 2.5	ZDK 2.5 V
Width/Height/Depth	mm	5.1 x 79.5 x 53	5.1 x 79.5 x 53
max. current / max. cond. cross-section	A/mm²	20 / 2.5	20 / 2.5
Max. clamping range	mm²	0.05...2.5	0.05...2.5





Technical data

	ZDK 2.5	ZDK 2.5 V
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Stripping length / Blade size	mm/-	

ZDK 2.5			
IEC 60947-7-1		Ex e II	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
500	300	300	275
20	15	25	18
2.5	AWG 26...14	AWG 26...12	2.5 mm²
	6 kV / 3		
	A2 / V-0		
			KEMA97ATEX4677U
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

ZDK 2.5 V			
IEC 60947-7-1		Ex e II	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
500		300	440
20		10	20
2.5		AWG 26...12	2.5 mm²
	6 kV / 3		
	A2 / V-0		
			KEMA97ATEX4677U
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note	ZDK 2.5	ZDK 2.5 V
	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version		ZDK 2.5			ZDK 2.5 V		
		Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	ZDK 2.5	50	**1674300000**	ZDK 2.5V	50	**1689990000**
	blue	ZDK 2.5 BL	50	**1678630000**	ZDK 2.5V BL	50	**1745880000**
Note		ZBS 1 component plug ZBS 1 can be used for LED (1764550000).					

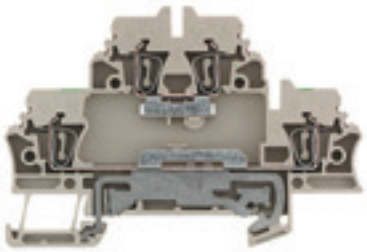
Accessories

		ZDK 2.5				ZDK 2.5 V			
		Type	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
Pluggable cross-connection									
	2-pole	ZQV 2.5/2		60	**1608860000**	ZQV 2.5/2		60	**1608860000**
	10-pole	ZQV 2.5/10	24 A	20	**1608940000**	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate									
	dark beige	ZAP/TW ZDK2.5		20	**1674730000**	ZAP/TW ZDK2.5		20	**1674730000**
	Blue	ZAP/TW ZDK2.5 BL		20	**1748800000**	ZAP/TW ZDK2.5 BL		20	**1748800000**
End bracket									
	dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Test adapter									
	Standard	ZTA ZDK 2.5		5	**1052660000**	ZTA ZDK 2.5		5	**1052660000**
	With spigot	ZTA ZDK 2.5/ZA		5	**1052680000**	ZTA ZDK 2.5/ZA		5	**1052680000**
Screwdriver									
	Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves									
	For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**	ZRH 1.5H/1		1000	**1678810000**
	For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**	ZRH 1.5H/2		1000	**1678800000**
Cover									
	With lightning flash symbol								
Identification systems									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
		WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
		WS 12/5 MC NE WS		720	**1609860000**	WS 12/5 MC NE WS		720	**1609860000**

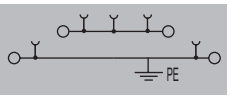
For detailed information on other accessories and application in the online catalogue	ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.	

ZDK 2.5 DU-PE — 2.5 mm²

Phase - PE conductor



5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	15	10	20
2.5	AWG 26...14	AWG 26...12	2.5 mm²
6 kV / 3			
A2 / V-0			

KEMA97ATEX4677U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

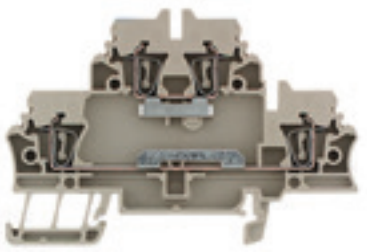
2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5DU-PE	50	1689970000

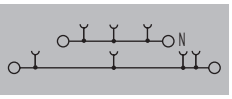
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZAP/TW ZDK2.5 BL		20	1748800000
ZEW 35		20	9540000000
ZTA ZDK 2.5		5	1052660000
ZTA ZDK 2.5/ZA		5	1052680000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 12/5 MC NE WS		720	1609860000

ZDK 2.5 N-DU — 2.5 mm²

Neutral conductor - phase



5.1 x 79.5 x 53
23 / 2.5
0.05...2.5



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	15	10	20
2.5	AWG 26...14	AWG 26...12	2.5 mm²
6 kV / 3			
A2 / V-0			

KEMA97ATEX4677U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5N-DU	50	1689960000

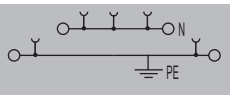
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZAP/TW ZDK2.5 BL		20	1748800000
ZEW 35		20	9540000000
ZTA ZDK 2.5		5	1052660000
ZTA ZDK 2.5/ZA		5	1052680000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 12/5 MC NE WS		720	1609860000

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDK 2.5 N-PE — 2.5 mm²

Neutral & PE conductor

5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	15	10	20
2.5	AWG 26...14	AWG 26...12	2.5 mm²
6 kV / 3			
A2 / V-0			

KEMA97ATEX4677U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5N-PE	50	1689980000

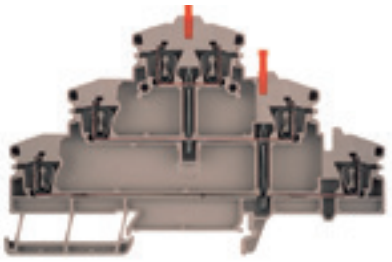
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZAP/TW ZDK2.5 BL		20	1748800000
ZEW 35		20	9540000000
ZTA ZDK 2.5		5	1052660000
ZTA ZDK 2.5/ZA		5	1052680000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 12/5 MC NE WS		720	1609860000

ZDLD 2.5-2 N — 2.5 mm²

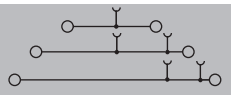
Three levels

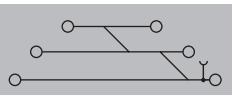
ZDLD 2.5-2 VN — 2.5 mm²

Vertically cross-connected multi-level terminal



		ZDLD 2.5-2 N	ZDLD 2.5-2 VN
Width/Height/Depth	mm	5.1 x 110.5 x 69	5.1 x 110.5 x 69
max. current / max. cond. cross-section	A/mm²	**20 / 2.5**	**20 / 2.5**
Max. clamping range	mm²	**0.08...2.5**	**0.08...2.5**





Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	500	300	300	
Rated current (A)	20	15	15	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE, CSA, UL			

Clamped conductors (H05V/H07V)	ZDLD 2.5-2 N
Solid / Stranded (mm²)	0.5...2.5
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	400	300	300	
Rated current (A)	20	15	15	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE, CSA, UL			

Clamped conductors (H05V/H07V)	ZDLD 2.5-2 VN
Solid / Stranded (mm²)	0.5...2.5
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDLD 2.5-2N	50	**1782300000**
blue	ZDLD 2.5-2N BL	50	**1782310000**

Note

Version	Type	Qty.	Order No.
dark beige	ZDLD 2.5-2VN	25	**1782320000**
blue	ZDLD 2.5-2VN BL	25	**1782330000**

Note

Accessories

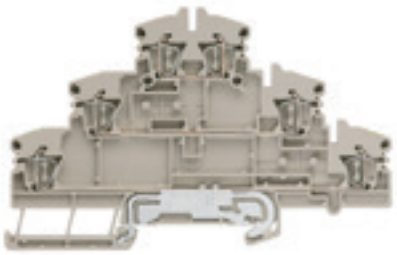
	Type	current	Qty.	Order No.
Vertical jumpers				
1.5-pole	ZVQ 2.5/1.5	23 A	50	**1720700000**
Pluggable cross-connection				
2-pole	ZQV 2.5/2		60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW ZDLD2.5-2N		20	**1782340000**
Blue	ZAP/TW ZDLD2.5-2N BL		20	**1782350000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 4		25	**1688110000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
With „swifty set“ cutting device	SWIFTY SET		1	**9006060000**
Reducing sleeves				
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDLD2.5-2N		20	**1782340000**
ZAP/TW ZDLD2.5-2N BL		20	**1782350000**
ZEW 35		20	**9540000000**
ZTA 4		25	**1688110000**
SDIS SL 0.6X3.5X100		1	**1274660000**
SWIFTY SET		1	**9006060000**
ZRH 1.5H/2		1000	**1678800000**
ZRH 1.5H/1		1000	**1678810000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

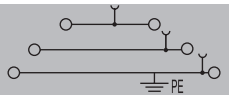
For detailed information on other accessories and application in the online catalogue

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDLD 2.5-2 N PE/L/L — 2.5 mm²



5.1 x 110.5 x 69
/ 2.5
0.08...2.5



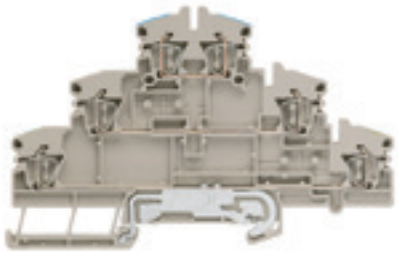
IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

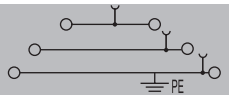
Type	Qty.	Order No.
ZDLD 2.5-2N/PE/L/L	50	1131750000

Type	current	Qty.	Order No.
ZVQ 2.5/1.5	23 A	50	1720700000
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDLD2.5-2N		20	1782340000
ZAP/TW ZDLD2.5-2N BL		20	1782350000
ZEW 35		20	9540000000
ZTA 4		25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
SWIFTY SET		1	9006060000
ZRH 1.5H/2		1000	1678800000
ZRH 1.5H/1		1000	1678810000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDLD 2.5-2 N PE/L/N — 2.5 mm²



5.1 x 110.5 x 69
/ 2.5
0.08...2.5



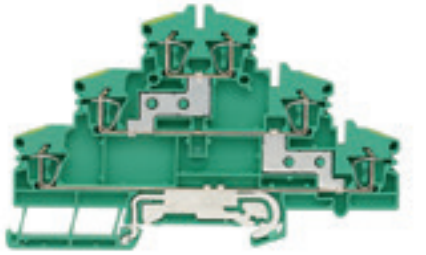
IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

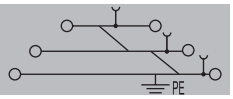
Type	Qty.	Order No.
ZDLD 2.5-2N/PE/L/N	50	1131760000

Type	current	Qty.	Order No.
ZVQ 2.5/1.5	23 A	50	1720700000
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDLD2.5-2N		20	1782340000
ZAP/TW ZDLD2.5-2N BL		20	1782350000
ZEW 35		20	9540000000
ZTA 4		25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
SWIFTY SET		1	9006060000
ZRH 1.5H/2		1000	1678800000
ZRH 1.5H/1		1000	1678810000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDLD 2.5-2 N PE — 2.5 mm²



5.1 x 110.5 x 69



IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	
	/ V-0		

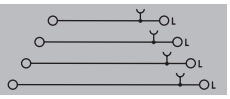
Rated connection

Type	Qty.	Order No.
ZDLD 2.5-2N PE	50	1131740000

Type	current	Qty.	Order No.
ZVQ 2.5/1.5	23 A	50	1720700000
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDLD2.5-2N		20	1782340000
ZAP/TW ZDLD2.5-2N BL		20	1782350000
ZEW 35		20	9540000000
ZTA 4		25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
SWIFTY SET		1	9006060000
ZRH 1.5H/2		1000	1678800000
ZRH 1.5H/1		1000	1678810000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZVLD 2.5 — 2.5 mm²

Width/Height/Depth	mm	5.1 x 148 x 85
max. current / max. cond. cross-section	-/mm²	/ 2.5
Max. clamping range	mm²	0.14...2.5



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250			
Rated current	24			
for wire cross-section	2.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZVLD 2.5	50	1208920000

Note

Accessories

	Type	current	Qty.	Order No.
Vertical jumpers				
1.5-pole	ZVQ 2.5/1.5	23 A	50	1720700000
Pluggable cross-connection				
2-pole	ZQV 2.5/2		60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP ZVLD 2.5		10	1210410000
End bracket				
dark beige	ZEW 35/2		20	8630740000
Test adapter				
Standard	ZTA ZVLD		50	1210390000
With spigot	ZTA ZVLD/ZA		50	1271870000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

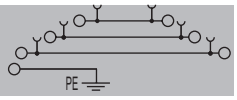
ZMAK 2.5 — 2.5 mm²

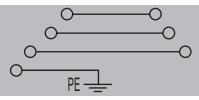
Motor-supply terminal

ZMAK 2.5 690 V — 2.5 mm²

Motor-supply terminal

		ZMAK 2.5	ZMAK 2.5 690 V
Width/Height/Depth	mm	5.1 x 102 x 69.5	6.1 x 102 x 69.5
max. current / max. cond. cross-section	A/mm²	**31 / 4**	**31 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**





Technical data

Rated data		ZMAK 2.5	ZMAK 2.5 690 V
Rated voltage	V	IEC 60947-7-1 (-7-2)	IEC 60947-7-1 (-7-2)
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		
Note			

IEC	UL	CSA	EN 60079-7
400	300	300	
24	25	25	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
690	300		
24	25		
2.5	AWG 26...12		
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Ordering data

Version	ZMAK 2.5	ZMAK 2.5 690 V
	dark beige Wemid	
Note		

Type	Qty.	Order No.
ZMAK 2.5	25	**1768000000**

Type	Qty.	Order No.
ZMAK 2.5 690V	25	**1027550000**

The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm!

Accessories

End plate / Partition plate	ZMAK 2.5	ZMAK 2.5 690 V
	dark beige	
End bracket		
	dark beige	
Screwdriver		
	Standard	
Reducing sleeves		
	For conductors < 0.5 mm² / AWG 20	
	For conductors < 1.0 mm² / AWG 18	
Test adapter		
	Standard	
Identification systems		

Type	current	Qty.	Order No.
ZAP ZMAK2.5		10	**1768010000**
ZEW 35		20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
ZTA 1		25	**1609040000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

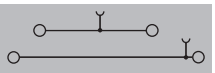
Type	current	Qty.	Order No.
ZAP ZMAK2.5		10	**1768010000**
ZEW 35		20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

ZDK 2.5-2 — 2.5 mm²

Double-level terminal

Width/Height/Depth	5.1 x 72.5 x 54.5 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.05...4 mm²



Technical data

Rated data				
	IEC 60947-7-1			II 2 G D
	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	550
Rated current A	24	20	25	20
for wire cross-section mm²	2.5	AWG 30...12	AWG 30...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				KEMA97ATEX4677U
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5-2	50	1790990000
blue	ZDK 2.5-2 BL	50	1791000000

Note

Rated voltage is reduced to 400 V when using the cross-connector.

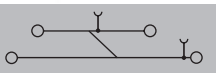
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW ZDK2.5-2		20	1791050000
Blue	ZAP/TW ZDK2.5-2 BL		20	1791060000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot	ZTA 4		25	1688110000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Cover				
With lightning flash symbol	ZAD 1/4-2 GE		20	1764560000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

ZDK 2.5-2V — 2.5 mm²

Vertical cross-connected double-level terminal

Width/Height/Depth	5.1 x 72.5 x 54.5 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.05...4 mm²



Technical data

Rated data				
	IEC 60947-7-1			II 2 G D
	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	300	550
Rated current A	24	20	25	22
for wire cross-section mm²	2.5	AWG 30...12	AWG 30...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				KEMA97ATEX4677U
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5-2V	50	1791030000
blue	ZDK 2.5-2V BL	50	1791040000

Note

Rated voltage is reduced to 400 V when using the cross-connector.

Accessories

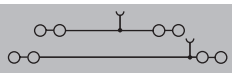
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW ZDK2.5-2		20	1791050000
Blue	ZAP/TW ZDK2.5-2 BL		20	1791060000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot	ZTA 4		25	1688110000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Cover				
With lightning flash symbol	ZAD 1/4-2 GE		20	1764560000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDK 2.5-2/4 — 2.5 mm²

Double-level terminal

Width/Height/Depth	mm	5.1 x 104 x 62
max. current / max. cond. cross-section	A/mm²	**26 / 4**
Max. clamping range	mm²	**0.05...4**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600		
Rated current	A	22	20		
for wire cross-section	mm²	2.5	AWG 30...12		
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals		cULus			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

Note	
	2.5 mm² conductor with wire-end ferrules and plastic collar, with the collar optimised for diameter only (Order No. 1333100000 + 9004080000).

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5-2/4AN BL	50	**1480270000**
blue	ZDK 2.5-2/4AN	50	**1394040000**
Note			

Accessories

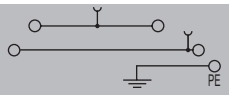
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK2.5-2/4AN		20	**1394050000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA ZT2.5/ZA		25	**1847600000**
Screwdriver				
Standard	SDS 0.6X3.5X100		10	**9008330000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**
Cover				
With lightning flash symbol	ZAD 1/4-2 GE		20	**1764560000**
Identification systems				
	SNAPMARK I		50	**1805880000**
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZDKPE 2.5-2 — 2.5 mm²

Double-tier terminal with one-sided PE connection

Width/Height/Depth	5.1 x 89.5 x 59.5 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.05...4 mm²



Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	300	
Rated current A	24	20	25	
for wire cross-section mm²	2.5	AWG 26...12	AWG 30...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE, cULus, GL			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDKPE 2.5-2	50	1805940000

Note

Rated voltage is reduced to 400 V when using the cross-connector.

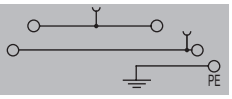
Accessories

Type	current	Qty.	Order No.
Pluggable cross-connection			
2-pole ZQV 2.5/2		60	1608860000
10-pole ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate			
dark beige ZAP/TW ZDKPE2.5-2		25	1805960000
End bracket			
dark beige ZEW 35		20	9540000000
Test adapter			
With spigot ZTA 4		25	1688110000
Screwdriver			
Standard SDIS SL 0.6X3.5X100		1	1274660000
With „swifty set" cutting device SWIFTY SET		1	9006060000
Reducing sleeves			
For conductors < 0.5 mm² / AWG 20 ZRH 1.5H/1		1000	1678810000
For conductors < 1.0 mm² / AWG 18 ZRH 1.5H/2		1000	1678800000
Cover			
With lightning flash symbol ZAD 1/4-2 GE		20	1764560000
Identification systems			
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDKPE 2.5-2/N/L/PE — 2.5 mm²

Double-tier terminal with one-sided PE connection

Width/Height/Depth	5.1 x 89.5 x 59.5 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.05...4 mm²



Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600		
Rated current A	24	20		
for wire cross-section mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE, cULus, GL			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDKPE 2.5-2/N/L/PE	50	1895700000

Note

Rated voltage is reduced to 400 V when using the cross-connector.

Accessories

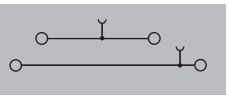
Type	current	Qty.	Order No.
Pluggable cross-connection			
2-pole ZQV 2.5/2		60	1608860000
10-pole ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate			
dark beige ZAP/TW ZDKPE2.5-2		25	1805960000
End bracket			
dark beige ZEW 35		20	9540000000
Test adapter			
With spigot ZTA 4		25	1688110000
Screwdriver			
Standard SDIS SL 0.6X3.5X100		1	1274660000
With „swifty set" cutting device SWIFTY SET		1	9006060000
Reducing sleeves			
For conductors < 0.5 mm² / AWG 20 ZRH 1.5H/1		1000	1678810000
For conductors < 1.0 mm² / AWG 18 ZRH 1.5H/2		1000	1678800000
Cover			
With lightning flash symbol ZAD 1/4-2 GE		20	1764560000
Identification systems			
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDK 4 -2 — 4 mm²

Double-level terminal

Width/Height/Depth	6.1 x 77.6 x 60
max. current / max. cond. cross-section	**32 / 6**
Max. clamping range	**0.13...6**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	800	600	600	
Rated current (A)	32	25	30	
for wire cross-section (mm²)	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE GL UL			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...6
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...4
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 4-2	50	**8670750000**
blue	ZDK 4-2 BL	50	**8670850000**

Note

Accessories

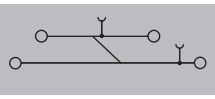
	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK4-2		50	**8670760000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA		25	**1780660000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

ZDK 4-2 V — 4 mm²

Vertical cross-connected double-level terminal

6.1 x 77.6 x 60	
32 / 6	
0.13...6	



IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	800	600	600	
Rated current (A)	32	25	30	
for wire cross-section (mm²)	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE GL UL			

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 4-2 V	50	**8671080000**

	Type	current	Qty.	Order No.
	ZQV 4/2 GE	32 A	60	**1608950000**
	ZQV 4/10 GE	32 A	20	**1609030000**
	ZAP/TW ZDK4-2		50	**8670760000**
	ZEW 35		20	**9540000000**
	ZTA 6/ZA		25	**1780660000**
	SDIS SL 0.6X3.5X100		1	**1274660000**
	ZAD 1/4		20	**1609110000**
	DEK 5/6 MC NE WS		1000	**1609820000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

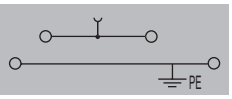
ZDK 4-2 DU/PE — 4 mm²

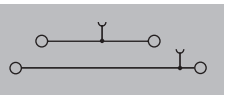
Phase - PE conductor

ZDK 4-2/N/L — 4 mm²

Double-level terminal

Width/Height/Depth	mm	6.1 x 77.6 x 60	6.1 x 77.6 x 60
max. current / max. cond. cross-section	A/mm²	**32 / 6**	**32 / 6**
Max. clamping range	mm²	**0.13...6**	**0.13...6**





Technical data

Rated data	ZDK 4-2 DU/PE	ZDK 4-2/N/L
Rated voltage (V)	800	800
Rated current (A)	32	32
for wire cross-section (mm²)	4	4
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	IEC 60947-7-1 (-7-2)	IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26...10	AWG 26...10	

IEC	UL	CSA	EN 60079-7
800	600		
32	25		
4	AWG 26...10		

Clamped conductors (H05V/H07V)	ZDK 4-2 DU/PE	ZDK 4-2/N/L
Solid / Stranded (mm²)	0.5...6	0.5...6
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 4-2/DU-PE	50	**8671120000**
blue			
Note			

Version	Type	Qty.	Order No.
dark beige	ZDK 4-2/N/L	50	**1905170000**
blue			
Note	Upper level printed blue		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK4-2		50	**8670760000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA		25	**1780660000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK4-2		50	**8670760000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA		25	**1780660000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

ZDK 4-2/2AN — 4 mm²

Double-level terminal

Width/Height/Depth	mm	8.1 x 78 x 60
max. current / max. cond. cross-section	-/mm²	**/ 6**
Max. clamping range	mm²	**0.13...6**

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800			
Rated current	A	32			
for wire cross-section	mm²	4	AWG 26...10		
Rated impulse withstand voltage / Pollution severity			/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 4-2/2AN	50	**1119700000**

Note

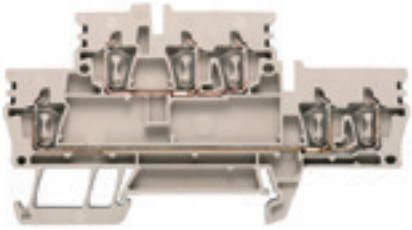
Accessories

	Type	current	Qty.	Order No.
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA		25	**1780660000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**

For detailed information on other accessories and application in the online catalogue

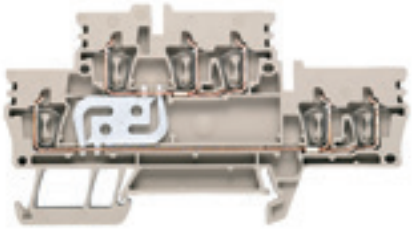
ZDK 2.5/3AN — 2.5 mm²

Double-level terminal

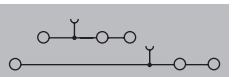


ZDK 2.5/3AN V — 2.5 mm²

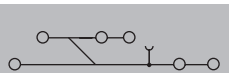
Vertical cross-connected double-level terminal



Width/Height/Depth	mm	5.1 x 93 x 50.5
max. current / max. cond. cross-section	A/mm²	**24 / 4**
Max. clamping range	mm²	**0.05...4**



Width/Height/Depth	mm	5.1 x 93 x 50.5
max. current / max. cond. cross-section	A/mm²	**24 / 4**
Max. clamping range	mm²	**0.05...4**



Technical data

Rated data		IEC 60947-7-1			II 2 G D
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	300	300	550
Rated current	A	24	20	24	21
for wire cross-section	mm²	2.5	AWG 30...12	AWG 30...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A2 / V-0	
Approvals					KEMA06ATEX0271U
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...4 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Rated data		IEC 60947-7-1			II 2 G D
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	300	300	550
Rated current	A	24	20	24	21
for wire cross-section	mm²	2.5	AWG 30...12	AWG 30...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A2 / V-0	
Approvals					KEMA06ATEX0271U
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...4 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5/3AN	50	**1924510000**
blue	ZDK 2.5/3AN BL	50	**1924500000**
Note			

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5/3AN V	50	**1924490000**
blue	ZDK 2.5/3AN V BL	50	**1924480000**
Note			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK 2.5/3AN		20	**1924910000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
Standard	ZTA ZT2.5		25	**1827080000**
With spigot	ZTA ZT2.5/ZA		25	**1847600000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**
Cover				
With lightning flash symbol	ZAD 9/4		20	**1934160000**
Identification systems				
	SNAPMARK I		50	**1805880000**
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK 2.5/3AN		20	**1924910000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
Standard	ZTA ZT2.5		25	**1827080000**
With spigot	ZTA ZT2.5/ZA		25	**1847600000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**
Cover				
With lightning flash symbol	ZAD 9/4		20	**1934160000**
Identification systems				
	SNAPMARK I		50	**1805880000**
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

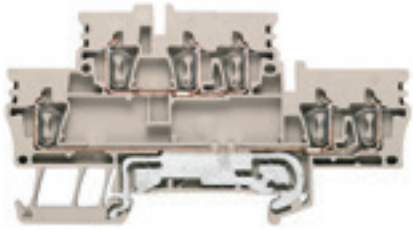
For detailed information on other accessories and application in the online catalogue

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

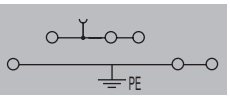
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

ZDK 2.5/3AN DU-PE — 2.5 mm²

Double-level terminal (DU-PE)



Width/Height/Depth	mm	5.1 x 93 x 50.5
max. current / max. cond. cross-section	A/mm²	**31 / 4**
Max. clamping range	mm²	**0.05...4**



Technical data

IEC 60947-7-1 (-7-2) — II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm²
	8 kV / 3		
	A2 / V-0		
CE cULus EAC			KEMA06ATEX0271U

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Rated connection
0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
green/yellow	ZDK 2.5/3AN DU-PE	50	**1924460000**

Note

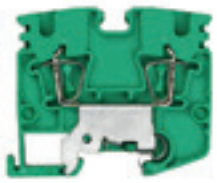
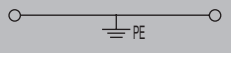
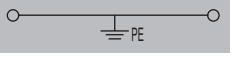
Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 2.5/2		60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK 2.5/3AN		20	**1924910000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
Standard	ZTA ZT2.5		25	**1827080000**
With spigot	ZTA ZT2.5/ZA		25	**1847600000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**
Cover				
With lightning flash symbol	ZAD 9/4		20	**1934160000**
Identification systems				
	SNAPMARK I		50	**1805880000**
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Spring connection with tension clamp technology (Z-Series)
PE terminal blocks

	ZPEA 2.5-2	2.5 mm²	ZPEA 2.5-2N	2.5 mm²
	Two connections		**Two connections**	
				
Width/Height/Depth mm	5.1 x 35 x 30		5.1 x 42.5 x 35	
max. current / max. cond. cross-section -/mm²	/ 4		/ 4	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

	ZPEA 2.5-2	ZPEA 2.5-2N
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	Ex e II II 2 G D	
Rated impulse withstand voltage to adjacent terminal kV		
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Twin wire-end ferrule -		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm²
500			
6			
	300 A (2.5 mm²)		
	3		
	A2 / V-0		

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	
800			
8			
	300 A (2.5 mm²)		
	3		
	A2 / V-0		

	ZPEA 2.5-2	ZPEA 2.5-2N
Rated connection		
0.5...4		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
Note	TS 15 - sliced construction	TS 15 - sliced construction

Ordering data

	ZPEA 2.5-2	ZPEA 2.5-2N
Version		
green/yellow		
Note		

Type	Qty.	Order No.
ZPEA 2.5-2	100	**1720950000**

Type	Qty.	Order No.
ZPEA 2.5-2N	100	**1808210000**

Accessories

	ZPEA 2.5-2	ZPEA 2.5-2N
End plate / Partition plate		
dark beige		
End bracket		
dark beige		
beige		
Test adapter		
Standard		
With spigot		
Screwdriver		
Standard		
Reducing sleeves		
For conductors < 0.5 mm² / AWG 20		
Identification systems		

Type	current	Qty.	Order No.
ZAP/TW ZDUA		50	**1720960000**
ZEW 15		20	**7920340000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

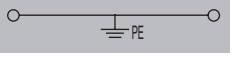
Type	current	Qty.	Order No.
ZAP/TW ZDUA2.5-2N		50	**1808170000**
ZEW 15		20	**7920340000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZPEB 2.5-2 — 2.5 mm²

Two connections

5.1 x 33.5 x 31
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

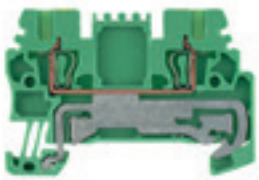
TS 15 - block construction

Type	Qty.	Order No.
ZPEB 2.5-2	100	1712810000

Type	current	Qty.	Order No.
ZAP ZDUB		50	1704750000
ZEW 15		20	7920340000
SDIS SL 0.6X3.5X100		1	1274660000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZPE 1.5 — 1.5 mm²

Two connections



3.5 x 54.5 x 36.5
/ 1.5
0.05...1.5

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm²
500			
6			
180 A (1.5 mm²)			
3			
B1 / V-0			

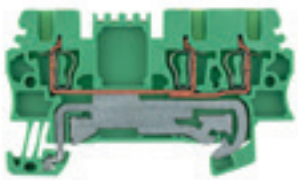
Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZPE 1.5	100	1775510000

Type	current	Qty.	Order No.
ZAP/TW ZDU1.5/2AN		20	1776030000
ZEW 35		20	9540000000
ZTA 5		25	1776210000
ZTA 5/ZA		25	1776220000
SDS 0.4X2.0X60		1	9037160000
ZRH 1.5S/1		500	1781950000
DEK 5/3.5 MC NE WS		500	1755270000
WS 12/3.5 MC NE WS		600	1778270000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000

ZPE 1.5/3AN — 1.5 mm²

Three connections



3.5 x 63 x 36.5
/ 1.5
0.05...1.5

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm²
500			
6			
180 A (1.5 mm²)			
3			
B1 / V-0			

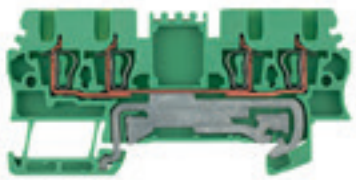
Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZPE 1.5/3AN	100	1775560000

Type	current	Qty.	Order No.
ZAP/TW ZDU1.5/3AN		20	1776060000
ZEW 35		20	9540000000
ZTA 5		25	1776210000
ZTA 5/ZA		25	1776220000
SDS 0.4X2.0X60		1	9037160000
ZRH 1.5S/1		500	1781950000
DEK 5/3.5 MC NE WS		500	1755270000
WS 12/3.5 MC NE WS		600	1778270000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000

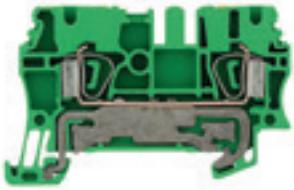
ZPE 1.5/4AN — 1.5 mm²

Four connections

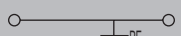


ZPE 2.5 — 2.5 mm²

Two connections



Width/Height/Depth	mm	3.5 x 75.5 x 36.5	5.1 x 63 x 38.5
max. current / max. cond. cross-section	-/mm²	/ 1.5	/ 4
Max. clamping range	mm²	0.05...1.5	0.05...4



Technical data

Rated data				
	IEC 60947-7-2		Ex e II	II 2 G D
for wire cross-section	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	1.5	AWG 26...14	AWG 26...12	1.5 mm²
Rated impulse withstand voltage to adjacent terminal	500			
Rated short-time current	6			
Pollution severity	180 A (1.5 mm²)			
Gauge to IEC 60947-1 / UL 94 flammability rating	3			
Approvals	B1 / V-0			
Clamped conductors (H05V/H07V)				
Solid / Stranded	**Rated connection**			
Flexible / Flexible with ferrule	0.5...1.5			
Twin wire-end ferrule	0.5...1.5 / 0.5...1.5			
Stripping length / Blade size	0.5...0.75			
	10 / 0.4 x 2.0 mm			
Note				

Rated data				
	IEC 60947-7-2		Ex e II	II 2 G D
for wire cross-section	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	2.5	AWG 30...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage to adjacent terminal	800			
Rated short-time current	8			
Pollution severity	300 A (2.5 mm²)			
Gauge to IEC 60947-1 / UL 94 flammability rating	3			
Approvals	A3 / V-0			
Clamped conductors (H05V/H07V)				
Solid / Stranded	**Rated connection**			
Flexible / Flexible with ferrule	0.5...4			
Twin wire-end ferrule	0.5...4 / 0.5...2.5			
Stripping length / Blade size				
	10 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
green/yellow	ZPE 1.5/4AN	100	1775620000
Note			

Version	Type	Qty.	Order No.
green/yellow	ZPE 2.5	100	1608640000
Note			

Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW ZDU1.5/4AN		20	1776090000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 5		25	1776210000
With spigot	ZTA 5/ZA		25	1776220000
Screwdriver				
Standard	SDS 0.4X2.0X60		1	9037160000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	1781950000
For conductors < 1.0 mm² / AWG 18				
Identification systems				
	DEK 5/3.5 MC NE WS		500	1755270000
	WS 12/3.5 MC NE WS		600	1778270000
	DEK 5/3.5 MM WS		1000	2007100000
	WS 8/3.5 MM WS		1000	2007140000

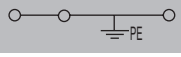
End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW 1		50	1608740000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 1		25	1609040000
With spigot	ZTA 1/ZA		25	1609050000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS		1000	1614300000
For conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/VO		1000	1614290000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZPE 2.5/3AN — 2.5 mm²

Three connections

5.1 x 64.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

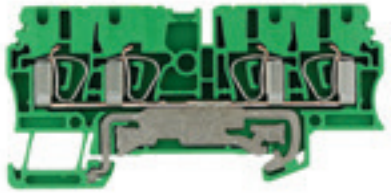
Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/3AN	100	1608650000

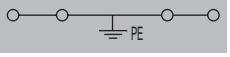
Type	current	Qty.	Order No.
ZAP/TW 2 DB		50	1608770000
ZEW 35		20	9540000000
ZTA 1		25	1609040000
ZTA 1/ZA		25	1609050000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZPE 2.5/4AN — 2.5 mm²

Four connections



5.1 x 79.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/4AN	100	1608660000

Type	current	Qty.	Order No.
ZAP/TW 3		50	1608800000
ZEW 35		20	9540000000
ZTA 1		25	1609040000
ZTA 1/ZA		25	1609050000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZPE 4 — 4 mm²

Two connections

6.1 x 64 x 43
/ 6
0.13...6

IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4	100	1632080000

Type	current	Qty.	Order No.
ZAP/TW 4		50	1632090000
ZEW 35		20	9540000000
ZTA 2 ZDU4		25	1609060000
ZTA 2/ZA ZDU4		25	1609070000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS		1000	1636640000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

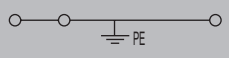
ZPE 4/3 AN — 4 mm²

Three connections

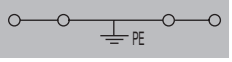
ZPE 4/4 AN — 4 mm²

Four connections

Width/Height/Depth	mm	6.1 x 85.5 x 43
max. current / max. cond. cross-section	-/mm²	/ 6
Max. clamping range	mm²	0.13...6



Width/Height/Depth	mm	6.1 x 104.5 x 43
max. current / max. cond. cross-section	-/mm²	/ 6
Max. clamping range	mm²	0.13...6



Technical data

Rated data					
for wire cross-section	mm²	IEC 60947-7-2	UL	CSA	Ex e II II 2 G D EN 60079-7
Rated voltage to adjoining terminal	V	4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage to adjacent terminal	kV	800			
Rated short-time current		8			
Pollution severity		480 A (4 mm²)			
Gauge to IEC 60947-1 / UL 94 flammability rating		3			
Approvals		A4 / V-0			
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	**Rated connection**			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...6			
Twin wire-end ferrule	-	0.5...6 / 0.5...4			
Stripping length / Blade size	mm/-				
		12 / 0.6 x 3.5 mm			

Rated data					
for wire cross-section	mm²	IEC 60947-7-2	UL	CSA	Ex e II II 2 G D EN 60079-7
Rated voltage to adjoining terminal	V	4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage to adjacent terminal	kV	800			
Rated short-time current		8			
Pollution severity		480 A (4 mm²)			
Gauge to IEC 60947-1 / UL 94 flammability rating		3			
Approvals		A4 / V-0			
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	**Rated connection**			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...6			
Twin wire-end ferrule	-	0.5...6 / 0.5...4			
Stripping length / Blade size	mm/-				
		12 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
green/yellow	ZPE 4/3AN	50	7904170000
Note			

Version	Type	Qty.	Order No.
green/yellow	ZPE 4/4AN	50	7904280000
Note			

Accessories

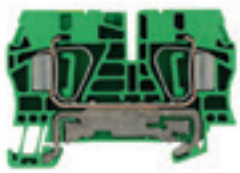
End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW 4/3AN		20	7904100000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 2 ZDU4		25	1609060000
With spigot	ZTA 2/ZA ZDU4		25	1609070000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 4/1 WS		1000	1636640000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 12/6 MC NE WS		600	1609900000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW4/4AN		20	7904210000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA 2 ZDU4		25	1609060000
With spigot	ZTA 2/ZA ZDU4		25	1609070000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 4/1 WS		1000	1636640000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 12/6 MC NE WS		600	1609900000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000

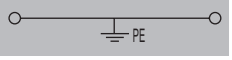
For detailed information on other accessories and application in the online catalogue

ZPE 6 — 6 mm²

Two connections



8.1 x 65 x 45
/ 10
0.22...10



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
13 / 0.6 x 3.5 mm

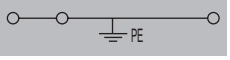
Type	Qty.	Order No.
ZPE 6	50	1608670000

Type	current	Qty.	Order No.
ZAP/TW 5		50	1608830000
ZEW 35		20	9540000000
ZTA 3 ZDU6		25	1654050000
SDIS SL 1.0X5.5X125		1	1274680000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6 MC NE WS		600	1609900000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZPE 6/3 AN — 6 mm²

Three connections

8.1 x 90 x 45
/ 10
0.22...10



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 6/3AN	50	7907400000

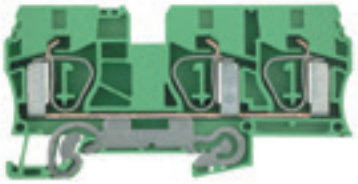
Type	current	Qty.	Order No.
ZAP/TW6/3AN		20	7907370000
ZEW 35		20	9540000000
ZTA 3 ZDU6		25	1654050000
SDIS SL 1.0X5.5X125		1	1274680000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6 MC NE WS		600	1609900000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZPE 10 — 10 mm²

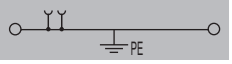
Two connections

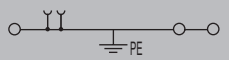
ZPE 10/3 AN — 10 mm²

Three connections



		ZPE 10	ZPE 10/3 AN
Width/Height/Depth	mm	10.1 x 73.5 x 49.5	10.1 x 99 x 49.5
max. current / max. cond. cross-section	-/mm²	/ 16	/ 16
Max. clamping range	mm²	1.31...16	1.31...16





Technical data

Rated data		ZPE 10	ZPE 10/3 AN
		IEC 60947-7-2	IEC 60947-7-2
		Ex e II	Ex e II
		II 2 G D	II 2 G D
		IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
for wire cross-section	mm²	10 / AWG 16...6 / AWG 16...6 / 10 mm²	10 / AWG 16...6 / AWG 16...6 / 10 mm²
Rated voltage to adjoining terminal	V	800	800
Rated impulse withstand voltage to adjacent terminal	kV	8	8
Rated short-time current		1200 A (10 mm²)	1200 A (10 mm²)
Pollution severity		3	3
Gauge to IEC 60947-1 / UL 94 flammability rating		A6 / V-0	A6 / V-0
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	1.5...16 / 1.5...16	1.5...16 / 1.5...16
Flexible / Flexible with ferrule	mm²	1.5...10 / 1.5...10	1.5...10 / 1.5...10
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm
Note			

Ordering data

Version	ZPE 10	ZPE 10/3 AN
	green/yellow	
Type	ZPE 10	ZPE 10/3AN
Qty.	25	20
Order No.	1746770000	1767670000
Note		

Accessories

	Type	current	Qty.	Order No.
End plate / Partition plate				
dark beige	ZAP/TW ZDU10		20	1748660000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SL 1.0X5.5X125		1	1274680000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6 MC NE WS		600	1609900000

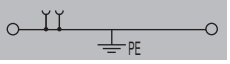
	Type	current	Qty.	Order No.
	ZAP/TW 10/16		20	1749580000
	ZEW 35		20	9540000000
	SDIS SL 1.0X5.5X125		1	1274680000
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6 MC NE WS		600	1609900000

For detailed information on other accessories and application in the online catalogue

ZPE 16 — 16 mm²

Two connections

12.1 x 82.5 x 50.5
/ 25
1.5...25



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...4	16 mm²
800			
8			
1920 A (16 mm²)			
3			
A7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

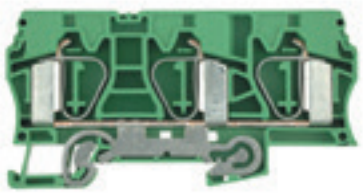
Type	Qty.	Order No.
ZPE 16	25	1745250000

Type	current	Qty.	Order No.
ZAP/TW ZDU16		20	1745150000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
DEK 5/5 MC NE WS		1000	1609801044
WS 15/5 MC NE WS		480	1609880000

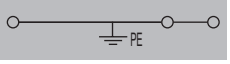
The plug-in cross-connections ZQV 16/2 (1739690000) can be used.

ZPE 16/3AN — 16 mm²

Three connections



12.1 x 99 x 50.5
/ 25
1.5...25



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...4	16 mm²
800			
8			
1920 A (16 mm²)			
3			
A7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

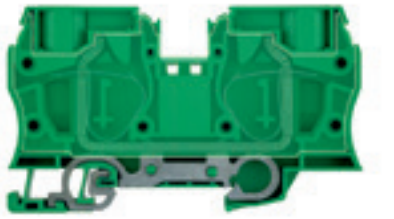
To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16/3AN	20	1768310000

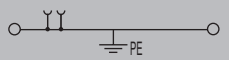
Type	current	Qty.	Order No.
ZAP/TW 10/16		20	1749580000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
DEK 5/5 MC NE WS		1000	1609801044
WS 15/5 MC NE WS		480	1609880000

ZPE 35 — 35 mm²

Two connections



16 x 100.5 x 58.5
/ 35
2.5...35



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm²
800			
8			
4200 A (35 mm²)			
3			
A8 / V-0			

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 35	10	1739650000
Integrated end plate.		

Type	current	Qty.	Order No.
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
DEK 5/5 MC NE WS		1000	1609801044
WS 15/5 MC NE WS		480	1609880000

The plug-in cross-connections ZQV 35/2 (1739700000) can be used.

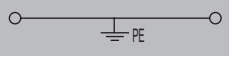
ZPE 2.5-2 — 2.5 mm²

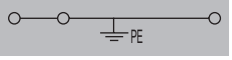
Two connections

ZPE 2.5-2/3AN — 2.5 mm²

Three connections

		ZPE 2.5-2	ZPE 2.5-2/3AN
Width/Height/Depth	mm	5.1 x 50.5 x 43.5	5.1 x 50.5 x 43.5
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.13...4	0.13...4





Technical data

Rated data		ZPE 2.5-2	ZPE 2.5-2/3AN
IEC 60947-7-2		Ex e II II 2 G D	Ex e II II 2 G D
IEC		2.5	2.5
UL		AWG 26...12	AWG 26...12
CSA		AWG 26...12	AWG 26...14
EN 60079-7		2.5 mm²	2.5 mm²
for wire cross-section	mm²		
Rated voltage to adjoining terminal	V	800	800
Rated impulse withstand voltage to adjacent terminal	kV	8	8
Rated short-time current		300 A (2.5 mm²)	300 A (2.5 mm²)
Pollution severity		3	3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Approvals			
Clamped conductors (H05V/H07V)			
Rated connection		0.5...4	0.5...4
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule	mm²		
Twin wire-end ferrule	-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Stripping length / Blade size	mm/-		
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	ZPE 2.5-2	ZPE 2.5-2/3AN
	green/yellow	
Type	ZPE 2.5-2	ZPE 2.5-2/3AN
Qty.	100	100
Order No.	**1772090000**	**1706090000**
Note		

Accessories

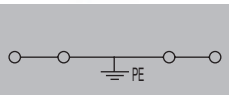
		ZPE 2.5-2			ZPE 2.5-2/3AN		
End plate / Partition plate		Type	current	Order No.	Type	current	Order No.
	dark beige	ZAP/TW7		**1706110000**	ZAP/TW7		**1706110000**
End bracket							
	dark beige	ZEW 35		**9540000000**	ZEW 35		**9540000000**
Test adapter							
	With spigot	ZTA 4		**1688110000**	ZTA 4		**1688110000**
Screwdriver							
	Standard	SDIS SL 0.6X3.5X100		**1274660000**	SDIS SL 0.6X3.5X100		**1274660000**
Reducing sleeves							
For conductors < 0.5 mm² / AWG 20		ZRH 1.5H/1		**1678810000**	ZRH 1.5H/1		**1678810000**
For conductors < 1.0 mm² / AWG 18		ZRH 1.5H/2		**1678800000**	ZRH 1.5H/2		**1678800000**
Identification systems							
		DEK 5/5 MC NE WS		**1609801044**	DEK 5/5 MC SDR		**1609810000**
		DEK 5/5 MM WS		**2007110000**	DEK 5/5 MM WS		**2007110000**
		WS 8/5 MM WS		**2007150000**	WS 8/5 MM WS		**2007150000**

For detailed information on other accessories and application in the online catalogue

ZPE 2.5-2/4AN — 2.5 mm²

Four connections

5.1 x 50.5 x 43.5
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...14	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

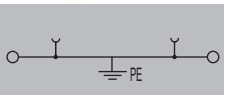
Type	Qty.	Order No.
ZPE 2.5-2/4AN	100	1706100000

Type	current	Qty.	Order No.
ZAP/TW7		50	1706110000
ZEW 35		20	9540000000
ZTA 4		25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZPE 4-2/2AN — 4 mm²

Two connections

6.1 x 61.5 x 45.5
/ 6
0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

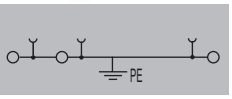
Type	Qty.	Order No.
ZPE 4-2/2AN	100	1770380000

Type	current	Qty.	Order No.
ZAP ZDU4-2		50	1770400000
ZEW 35		20	9540000000
ZTA 6/ZA		25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS		1000	1636640000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

ZPE 4-2/3AN — 4 mm²

Three connections

6.1 x 61.5 x 45.5
/ 6
0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/3AN	100	1770390000

Type	current	Qty.	Order No.
ZAP ZDU4-2		50	1770400000
ZEW 35		20	9540000000
ZTA 6/ZA		25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 4/1 WS		1000	1636640000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

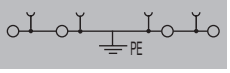
ZPE 4-2/4 AN — 4 mm²

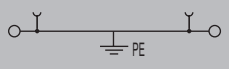
Four connections

ZPE 6-2/2AN — 6 mm²

Two connections

Width/Height/Depth	mm	6.1 x 75 x 45.5	8.1 x 68 x 49.19
max. current / max. cond. cross-section	-/mm²	/ 6	/ 10
Max. clamping range	mm²	0.13...6	0.22...10





Technical data

Rated data						
for wire cross-section	mm²	IEC 60947-7-2		Ex e II	II 2 G D	
Rated voltage to adjoining terminal	V	IEC	UL	CSA	EN 60079-7	
Rated impulse withstand voltage to adjacent terminal	kV	4	AWG 26...10	AWG 26...10	4 mm²	
Rated short-time current		800				
Pollution severity		8				
Gauge to IEC 60947-1 / UL 94 flammability rating		480 A (4 mm²)				
Approvals		3				
Clamped conductors (H05V/H07V)		A3 / V-0				
Solid / Stranded	mm²	**Rated connection**				
Flexible / Flexible with ferrule	mm²	0.5...6				
Twin wire-end ferrule	-	0.5...4 / 0.5...4				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				
Note						

Rated data						
for wire cross-section	mm²	IEC 60947-7-2		Ex e II	II 2 G D	
Rated voltage to adjoining terminal	V	IEC	UL	CSA	EN 60079-7	
Rated impulse withstand voltage to adjacent terminal	kV	6	AWG 22...8	AWG 20...8	6 mm²	
Rated short-time current		800				
Pollution severity		8				
Gauge to IEC 60947-1 / UL 94 flammability rating		720 A (6 mm²)				
Approvals		3				
Clamped conductors (H05V/H07V)		A5 / V-0				
Solid / Stranded	mm²	**Rated connection**				
Flexible / Flexible with ferrule	mm²	0.5...10				
Twin wire-end ferrule	-	0.5...10 / 0.5...6				
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm				
Note						

Ordering data

Version	
	green/yellow
Note	

Type	Qty.	Order No.
ZPE 4-2/4AN	100	1807090000

Type	Qty.	Order No.
ZPE 6-2/2AN	50	1771370000

Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP ZDU4-2/4AN		50	1807010000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot	ZTA 6/ZA		25	1780660000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 4/1 WS		1000	1636640000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 12/6 MC NE WS		600	1609900000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000

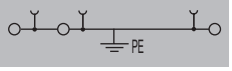
End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP ZDU6-2		50	1771440000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot	ZTA 7/ZA		25	1780670000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20				
Identification systems				
	DEK 5/8 MC NE WS		800	1856740000
	DEK 5/8 MM WS		500	2007130000
	WS 8/8 MM WS		500	2007170000

For detailed information on other accessories and application in the online catalogue

ZPE 6-2/3AN — 6 mm²

Three connections

8.1 x 68 x 49.19
/ 10
0.22...10



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

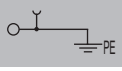
Type	Qty.	Order No.
ZPE 6-2/3AN	50	1771360000

Type	current	Qty.	Order No.
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
ZTA 7/ZA		25	1780670000
SDIS SL 0.8X4.0X100		1	1274670000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZPE 16-2/1AN — 16 mm²

Supply terminal - PE

12 x 65 x 50.5
/ 25
1.5...25



In accordance with IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 26...14	
800			
8			
1920 A (16 mm²)			
3			
A7 / V-0			

Rated connection
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

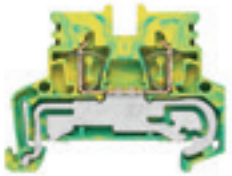
Type	Qty.	Order No.
ZPE 16-2/1AN	20	1772960000

Type	current	Qty.	Order No.
ZAP/Z...16-2/1AN		10	1772970000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
DEK 5/8 MC NE WS		800	1856740000

The plug-in cross-connections ZQV 2.5/.. , ZQV 4/... and ZQV 6/... can be used.

ZPE 2.5N — 2.5 mm²

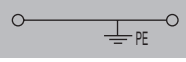
Two connections

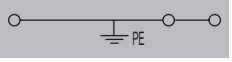


ZPE 2.5N/3AN — 2.5 mm²

Three connections

		ZPE 2.5N	ZPE 2.5N/3AN
Width/Height/Depth	mm	5.1 x 50.5 x 38.5	5.1 x 56.5 x 38.5
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.05...4	0.05...4





Technical data

Rated data		ZPE 2.5N	ZPE 2.5N/3AN
for wire cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V	II 2 G D	II 2 G D
Rated impulse withstand voltage to adjacent terminal	kV		
Rated short-time current			
Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5 mm²	2.5	AWG 30...12	AWG 30...12	2.5 mm²
800				800			
6				6			
300 A (2.5 mm²)				300 A (2.5 mm²)			
3				3			
A2 / V-0				A2 / V-0			

Clamped conductors (H05V/H07V)		ZPE 2.5N	ZPE 2.5N/3AN
Solid / Stranded	mm²	0.5...4 / 1.5...2.5	0.5...4 / 1.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Note	ZPE 2.5N	ZPE 2.5N/3AN
	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	ZPE 2.5N	ZPE 2.5N/3AN
	green/yellow	

Type	Qty.	Order No.
ZPE 2.5N	50	1933760000

Type	Qty.	Order No.
ZPE 2.5N/3AN	50	1933770000

Accessories

End plate / Partition plate	ZPE 2.5N	ZPE 2.5N/3AN
	dark beige	
End bracket		
	dark beige	
Test adapter		
	Standard	
	With spigot	
Screwdriver		
	Standard	
Reducing sleeves		
	For conductors < 0.5 mm² / AWG 20	
	For conductors < 1.0 mm² / AWG 18	
Identification systems		

Type	current	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N		20	1933790000
ZEW 35		20	9540000000
ZTA ZT2.5		25	1827080000
ZTA ZT2.5/ZA		25	1847600000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Type	current	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/3AN		50	1933800000
ZEW 35		20	9540000000
ZTA ZT2.5		25	1827080000
ZTA ZT2.5/ZA		25	1847600000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

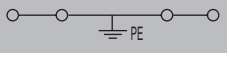
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

ZPE 2.5N/4AN — 2.5 mm²

Four connections

5.1 x 60 x 38.5
/ 4
0.05...4



IEC 60947-7-2 — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5 mm²
800			
6			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

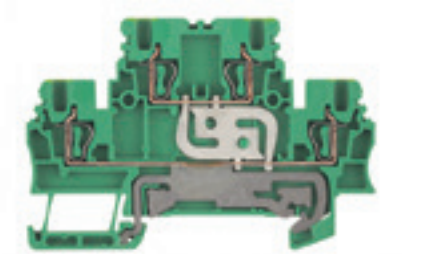
Type	Qty.	Order No.
ZPE 2.5N/4AN	50	**1933780000**

Type	current	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/4AN		50	**1933810000**
ZEW 35		20	**9540000000**
ZTA ZT2.5		25	**1827080000**
ZTA ZT2.5/ZA		25	**1847600000**
SDIS SL 0.6X3.5X100		1	**1274660000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

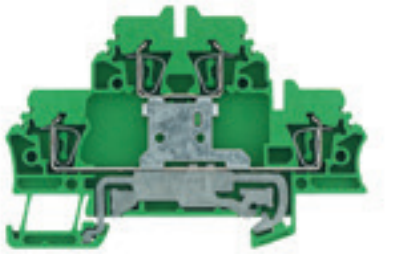
ZDK 1.5 PE — 1.5 mm²

Double-level terminal

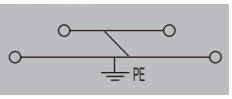


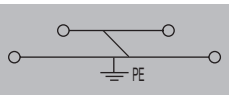
ZDK 2.5 PE — 2.5 mm²

Vertically cross-connected



		ZDK 1.5 PE	ZDK 2.5 PE
Width/Height/Depth	mm	3.5 x 75.5 x 49.5	5.1 x 79.5 x 53
max. current / max. cond. cross-section	-/mm²	/ 1.5	/ 2.5
Max. clamping range	mm²	0.05...1.5	0.05...2.5





Technical data

	ZDK 1.5 PE	ZDK 2.5 PE
Rated data		
for wire cross-section	mm²	mm²
Rated voltage to adjoining terminal	V	V
Rated impulse withstand voltage to adjacent terminal	kV	kV
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm²	mm²
Flexible / Flexible with ferrule	mm²	mm²
Twin wire-end ferrule	mm²	mm²
Stripping length / Blade size	mm/-	mm/-
Note		

ZDK 1.5 PE			
IEC 60947-7-2		Ex e II	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
1.5	AWG 28...16	AWG 28...16	
500			
6			
180 A (1.5 mm²)			
3			
B1 / V-0			
Rated connection			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
0.5...0.75			
10 / 0.4 x 2.0 mm			

ZDK 2.5 PE			
IEC 60947-7-2		Ex e II	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
2.5	AWG 26...14	AWG 26...12	2.5 mm²
500			
6			
300 A (2.5 mm²)			
3			
A2 / V-0			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	ZDK 1.5 PE	ZDK 2.5 PE
	green/yellow	green/yellow
Note		

ZDK 1.5 PE		
Type	**Qty.**	**Order No.**
ZDK 1.5PE	100	**1791150000**

ZDK 2.5 PE		
Type	**Qty.**	**Order No.**
ZDK 2.5PE	50	**1690000000**

Accessories

	ZDK 1.5 PE	ZDK 2.5 PE
End plate / Partition plate		
	dark beige	dark beige
End bracket		
	dark beige	dark beige
Test adapter		
	With spigot	With spigot
	Standard	Standard
Reducing sleeves		
	For conductors < 0.5 mm² / AWG 20	For conductors < 0.5 mm² / AWG 20
	For conductors < 1.0 mm² / AWG 18	For conductors < 1.0 mm² / AWG 18
Cover		
	With lightning flash symbol	With lightning flash symbol
Screwdriver		
	Standard	Standard
Identification systems		

ZDK 1.5 PE			
Type	**current**	**Qty.**	**Order No.**
ZAP/TW ZDK1.5		20	**1791160000**
ZEW 35		20	**9540000000**
ZTA 5/ZA		25	**1776220000**
ZTA 5		25	**1776210000**
ZRH 1.5S/1		500	**1781950000**
SDS 0.4X2.0X60		1	**9037160000**
DEK 5/3.5 MC NE WS		500	**1755270000**
DEK 5/3.5 MM WS		1000	**2007100000**
WS 8/3.5 MM WS		1000	**2007140000**

ZDK 2.5 PE			
Type	**current**	**Qty.**	**Order No.**
ZAP/TW ZDK2.5		20	**1674730000**
ZEW 35		20	**9540000000**
ZTA 4		25	**1688110000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
ZAD 9/4		20	**1934160000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 PLUS MC NE GE		1000	**1907520000**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

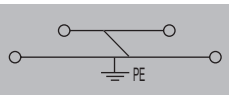
ZDK 2.5-2PE — 2.5 mm²

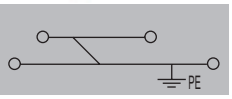
Four connections

ZDK 4-2 PE — 4 mm²

Four connections

		ZDK 2.5-2PE	ZDK 4-2 PE
Width/Height/Depth	mm	5.1 x 72.5 x 54.5	6.1 x 77.6 x 60
max. current / max. cond. cross-section	-/mm²	/ 4	/ 6
Max. clamping range	mm²	0.05...4	0.13...6





Technical data

Rated data		ZDK 2.5-2PE	ZDK 4-2 PE
		IEC 60947-7-2	IEC 60947-7-2
		II 2 G D	
for wire cross-section	mm²	IEC 2.5 / UL AWG 26...12 / CSA AWG 30...12 / EN 60079-7 2.5 mm²	IEC 4 / UL AWG 26...10 / CSA AWG 26...10
Rated voltage to adjoining terminal	V	800	800
Rated impulse withstand voltage to adjacent terminal	kV	8	8
Rated short-time current		300 A (2.5 mm²)	480 A (4 mm²)
Pollution severity		3	3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A3 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / Stranded	mm²	0.5...4	0.5...6
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...4 / 0.5...4
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Ordering data

Version	ZDK 2.5-2PE	ZDK 4-2 PE
	green/yellow	
Note		

Type	Qty.	Order No.
ZDK 2.5-2PE	50	1791010000

Type	Qty.	Order No.
ZDK 4-2 PE	50	8671050000

Accessories

	ZDK 2.5-2PE	ZDK 4-2 PE
End plate / Partition plate		
	dark beige	
End bracket		
	dark beige	
Test adapter		
	With spigot	
	Standard	
Reducing sleeves		
	For conductors < 0.5 mm² / AWG 20	
	For conductors < 1.0 mm² / AWG 18	
Cover		
	With lightning flash symbol	
Screwdriver		
	Standard	
Identification systems		

Type	current	Qty.	Order No.
ZAP/TW ZDK2.5-2		20	1791050000
ZEW 35		20	9540000000
ZTA 4		25	1688110000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
SDS 0.5X3.0X80		1	9008320000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

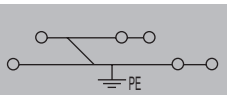
Type	current	Qty.	Order No.
ZAP/TW ZDK4-2		50	8670760000
ZEW 35		20	9540000000
ZTA 6/ZA		25	1780660000
SDIS SL 0.6X3.5X100		1	1274660000
DEK 5/6 MC NE WS		1000	1609820000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

For detailed information on other accessories and application in the online catalogue

ZDK 2.5/3AN PE — 2.5 mm²

Double-level terminal

Width/Height/Depth	5.1 x 93 x 50.5 mm
max. current / max. cond. cross-section	/ 4 -/mm²
Max. clamping range	0.05...4 mm²



Technical data

IEC 60947-7-2 — II 2 G D

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section	2.5 mm²	AWG 30...12	AWG 30...12	2.5 mm²
Rated voltage to adjoining terminal	800 V			
Rated impulse withstand voltage to adjacent terminal	8 kV			
Rated short-time current	300 A (2.5 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0			
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded	0.5...4 / 0.5...2.5 mm²			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...2.5 mm²			
Twin wire-end ferrule				
Stripping length / Blade size	10 / 0.6 x 3.5 mm mm/-			

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
green/yellow	ZDK 2.5/3AN PE	50	1924470000

Note

Accessories

	Type	current	Qty.	Order No.
End plate / Partition plate				
dark beige	ZAP/TW ZDK 2.5/3AN		20	1924910000
End bracket				
dark beige	ZEW 35/2		20	8630740000
Test adapter				
Standard	ZTA ZT2.5		25	1827080000
With spigot	ZTA ZT2.5/ZA		25	1847600000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Identification systems				
	SNAPMARK I		50	1805880000
	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

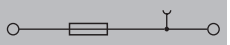
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

ZSI 2.5 — 2.5 mm²

For metric fuses 5 x 20 mm

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

7.9 x 79.5 x 73	
6.3 / 4	
0.13...4	



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	600 (C)	
6.3	10	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		

Rated connection
0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

ZSI 2.5

Overload and short-circuit protection

Type	Order No.
ZSI 2.5	**1616400000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 6.3 A	27 °C	2.5 W / 2.5 A
In combination	55 °C	2.5 W / 6.3 A	41 °C	1.6 W / 6.3 A

Ordering data

Version	
	500 V AC/DC, without LED

Note

Type	Qty.	Order No.
ZSI 2.5	50	**1616400000**

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Pluggable cross-connection			
	2-pole		
	4-pole		
End plate / Partition plate			
	dark beige		
	dark beige		
Screwdriver			
	Standard		
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)			
	0.25 A fast		
	0.50 A fast		
	1.00 A fast		
	2.00 A fast		
Identification systems			

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	**1627850000**
ZQV 6/4 GE	41 A	60	**1627870000**
ZAP/TW 3		50	**1608800000**
ZAP TNHE/ZSI2.5		25	**1610840000**
SDIS SL 0.6X3.5X100		1	**1274660000**
G 20/0.25A/F		10	**0430500000**
G 20/0.50A/F		10	**0430600000**
G 20/1.00A/F		10	**0430700000**
G 20/2.00A/F		10	**0430900000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED.

ZSI 2.5 LED — 2.5 mm²

For metric fuses 5 x 20 mm

ZSI 2.5/5x25 — 2.5 mm²

For metric fuses 5 x 25 mm

		ZSI 2.5 LED	ZSI 2.5/5x25
Width/Height/Depth	mm	7.9 x 79.5 x 73	7.9 x 79.5 x 73
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**	**6.3 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**

Technical data

Rated data		ZSI 2.5 LED	ZSI 2.5/5x25
Rated voltage to adjoining terminal	-	IEC 60947-7-3	IEC 60947-7-3
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Blade size			

IEC	UL	CSA	EN 60079-7
6.3			
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		

IEC	UL	CSA	EN 60079-7
500			
6.3			
2.5			
	6 kV / 3		
	V-0		

Rated connection	ZSI 2.5 LED	ZSI 2.5/5x25
	0.5...4	0.5...4
	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
	0.6 x 3.5 mm	0.6 x 3.5 mm

Note	ZSI 2.5 LED	ZSI 2.5/5x25
	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	ZSI 2.5 LED Type	Qty.	Order No.	ZSI 2.5/5x25 Type	Qty.	Order No.
500 V AC/DC, without LED				ZSI 2.5/5X25	50	**1730900000**
10-36 V AC/DC, with LED	ZSI 2.5/LD 28AC	50	**1616440000**			
30–70 V AC/DC, with LED	ZSI 2.5/LD 60AC	50	**1616430000**			
60-150 V AC/DC, with LED	ZSI 2.5/LD 120AC	50	**1616420000**			
140-250 V AC/DC, with LED	ZSI 2.5/LD 250AC	50	**1616410000**			
Note	The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.			The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Accessories

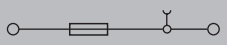
Pluggable cross-connection	ZSI 2.5 LED Type	current	Qty.	Order No.	ZSI 2.5/5x25 Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**	ZQV 6/2 GE	41 A	60	**1627850000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate								
dark beige	ZAP/TW 3		50	**1608800000**	ZAP/TW 3		50	**1608800000**
dark beige	ZAP TNHE/ZSI2.5		25	**1610840000**	ZAP TNHE/ZSI2.5		25	**1610840000**
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast	G 20/0.25A/F		10	**0430500000**				
0.50 A fast	G 20/0.50A/F		10	**0430600000**				
1.00 A fast	G 20/1.00A/F		10	**0430700000**				
2.00 A fast	G 20/2.00A/F		10	**0430900000**				
G25 with indicator / imperial (inch) fuse								
0.50 A medium slow / 2 A					G 25/0.50A/M WS		10	**0510300000**
1.00 A medium slow / 3 A					G 25/1.00A/M RT		10	**0265800000**
2.00 A fast / 5 A					G 25/2.00A/F BL		10	**0192700000**
4.00 A fast / 10 A					G 25/4.00A/F BR		10	**0192800000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue	Status display using a bi-directional LED.	

ZSI 2.5/2 — 2.5 mm²

For imperial fuses

Width/Height/Depth	11.9 x 79.5 x 73
max. current / max. cond. cross-section	**12 / 4**
Max. clamping range	**0.13...4**



ZSI 2.5/2

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
12	16	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		

Rated connection
0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Order No.
ZSI 2.5/2 500AC	**1616460000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	46 °C	4.0 W / 10.0 A	40 °C	2.5 W / 2.5 A
In combination	72 °C	2.5 W / 2.5 A	29 °C	2.5 W / 2.5 A

Ordering data

Version
500 V AC/DC, without LED

Note

Type	Qty.	Order No.
ZSI 2.5/2 500AC	10	**1616460000**

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Pluggable cross-connection
2-pole
4-pole
End plate / Partition plate
dark beige
Screwdriver
Standard
G25 with indicator / imperial (inch) fuse
4.00 A fast / 10 A
Identification systems

Type	current	Qty.	Order No.
ZQS 2.5/2	10 A	20	**1633200000**
ZQS 2.5/4	10 A	20	**1633220000**
ZAP TNHE/ZSI2.5		25	**1610840000**
SDIS SL 0.6X3.5X100		1	**1274660000**
GZ 10.0A		10	**0293900000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**

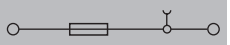
For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of inch fuse cartridges.

ZSI 2.5/2 LED — 2.5 mm²

For imperial fuses

Width/Height/Depth	11.9 x 79.5 x 73 mm
max. current / max. cond. cross-section	**12 / 4** A/mm²
Max. clamping range	**0.13...4** mm²



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal				
Rated current	12			
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Note

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	Type	Qty.	Order No.
10-36 V AC/DC, with LED	ZSI 2.5/2/LD 28AC	10	**1616470000**
30–70 V AC/DC, with LED	ZSI 2.5/2/LD 60AC	10	**1616480000**
60-150 V AC/DC, with LED	ZSI 2.5/2/LD 120AC	10	**1616490000**
140-250 V AC/DC, with LED	ZSI 2.5/2/LD 250AC	10	**1616500000**

Note

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQS 2.5/2	10 A	20	**1633200000**
4-pole	ZQS 2.5/4	10 A	20	**1633220000**
End plate / Partition plate				
dark beige	ZAP TNHE/ZSI2.5		25	**1610840000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
G25 with indicator / imperial (inch) fuse				
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of inch fuse cartridges.

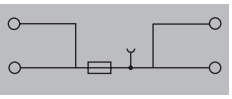
ZSI 2.5 2x2 AN — 2.5 mm²

For metric fuses 5 x 20

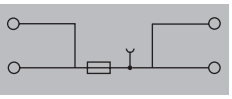
ZSI 2.5 2x2 AN — 2.5 mm²

For metric fuses 5 x 25

Width/Height/Depth	mm	12.2 x 68 x 55
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.13...4**



Width/Height/Depth	mm	12.2 x 68 x 55
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500	300 (C)	300 (C)	
Rated current (A)	10	10	10	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Rated connection
0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Note

The rated voltage of the fuse must not be exceeded. According to UL & CSA 600 V / 5 A.

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500	300 (C)	300 (C)	
Rated current (A)	10	10	10	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Rated connection
0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Note

The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 2.5-2/2X2AN/G20	20	**1826050000**

Note

G 20 = G cartridge fuse 5 x 20 / G 25 = G cartridge fuse 5 x 25
G 25 LED versions on request

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 2.5-2/2X2AN/G25	20	**1826200000**

G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25
G25 LED types on request

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A				

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDS 0.6X3.5X100		10	**9008330000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast				
0.50 A fast				
1.00 A fast				
2.00 A fast				
Identification systems				
	WS 10/5 MC NE WS		720	**1635000000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	G 25/0.50A/M WS		10	**0510300000**
1.00 A medium slow / 3 A	G 25/1.00A/M RT		10	**0265800000**
2.00 A fast / 5 A	G 25/2.00A/F BL		10	**0192700000**
4.00 A fast / 10 A	G 25/4.00A/F BR		10	**0192800000**

For detailed information on other accessories and application in the online catalogue

Status display via an LED.

Status indication via neon lamp.

ZSI 2.5-2

Overload and short-circuit protection

ZSI 2.5-2 / G20

Type	Order No.
ZSI 2.5-2/2X2AN/G20	1826050000
ZSI 2.5-2/2X2AN/G20/GL	1826030000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual			39 °C	2.5 W / 6.3 A
In combination			41 °C	1.6 W / 6.3 A

ZSI 2.5-2 / G25

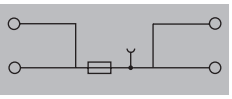
Type	Order No.
ZSI 2.5-2/2X2AN/G25	1826200000
ZSI 2.5-2/2X2AN/G25/GL	1826090000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

ZSI 2.5 2x2 AN LED — 2.5 mm²

For metric fuses 5 x 20

Width/Height/Depth	mm	12.2 x 68 x 55
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal		300 (C)		
Rated current	10	10		
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Rated connection
0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Note

The rated voltage of the fuse must not be exceeded. According to UL & CSA 600 V / 5 A.

Ordering data

Version	Type	Qty.	Order No.
10-36 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD1	20	**1867440000**
60-150 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD3	20	**1867420000**
140-250 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD4	20	**1879730000**

Note

G 20 = G cartridge fuse 5 x 20 / G 25 = G cartridge fuse 5 x 25
G 25 LED versions on request

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

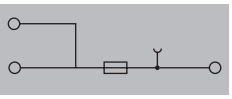
Status display via an LED.

ZSI 6-2 — 6 mm²

For metric fuses 5 x 20

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

12.2 x 68 x 55	
10 / 10	
0.13...10	



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
6	AWG 26...12	AWG 26...8	
	4 kV / 3		
	V-0		

Rated connection	
0.5...10	0.5...4
0.5...10 / 0.5...6	
0.6 x 3.5 mm	

The rated voltage of the fuse must not be exceeded. According to UL 600 V / 5 A. A 3 terminal points AWG 26-12, A 5 terminal points AWG 20-8.

Ordering data

Version	**Type**	**Qty.**	**Order No.**
500 V AC/DC, without LED	ZSI 6-2 2X2.5/G20	20	**1820930000**
10-36 V AC/DC, with LED			
140-250 V AC/DC, with LED			

Note

G 20 = G cartridge fuse 5 x 20 / G 25 = G cartridge fuse 5 x 25
G 25 LED versions on request

Accessories

Pluggable cross-connection	**Type**	**current**	**Qty.**	**Order No.**
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SL 0.8X4.0X100		1	**1274670000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
0.25 A fast	G 20/0.25A/F		10	**0430500000**
G25 with indicator / imperial (inch) fuse				
2.00 A fast / 5 A				
4.00 A fast / 10 A				
1.00 A medium slow / 3 A				
0.50 A medium slow / 2 A				
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

Status display via an LED.

ZSI 6-2

Overload and short-circuit protection

ZSI 6-2 2x2.5 / G20

Type	**Order No.**
ZSI 6-2 2X2.5/G20	**1820930000**
ZSI 6-2 2X2.5/G20/GL	**1820860000**

Arrangement	**Applications**			
	Only short-circuit protection		**Overload and short-circuit protection**	
	T_A max.	**Nominal values**	**T_A max.**	**Nominal values**
Individual			37 °C	2.5 W / 6.3 A
In combination			40 °C	1.6 W / 6.3 A

ZSI 6 2x2.5 / G25

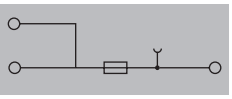
Type	**Order No.**
ZSI 6-2 2X2.5/G25	**1820950000**
ZSI 6-2 2X2.5/G25/GL	**1820940000**

Arrangement	**Applications**			
	Only short-circuit protection		**Overload and short-circuit protection**	
	T_A max.	**Nominal values**	**T_A max.**	**Nominal values**
Individual	60 °C			
In combination	47 °C			

ZSI 6-2 2x2.5 — 6 mm²

For metric fuses 5 x 20 / 5 x 25

Width/Height/Depth	12.2 x 68 x 55
max. current / max. cond. cross-section	**10 / 10**
Max. clamping range	**0.13...10**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (C)	300 (C)	
Rated current A	10	10	10	
for wire cross-section mm²	6	AWG 26...12	AWG 26...8	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...10 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6
Blade size	0.6 x 3.5 mm

Note

The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 6-2 2X2.5/G25	20	**1820950000**
10-36 V AC/DC, with LED			
140-250 V AC/DC, with LED			

Note

G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25
G25 LED types on request

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**9008340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
0.25 A fast	G 20/0.25A/F		10	**0430500000**
G25 with indicator / imperial (inch) fuse				
2.00 A fast / 5 A	G 25/2.00A/F BL		10	**0192700000**
4.00 A fast / 10 A	G 25/4.00A/F BR		10	**0192800000**
1.00 A medium slow / 3 A	G 25/1.00A/M RT		10	**0265800000**
0.50 A medium slow / 2 A	G 25/0.50A/M WS		10	**0510300000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

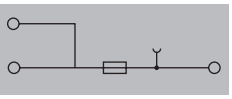
For detailed information on other accessories and application in the online catalogue

Status indication via neon lamp.

ZSI 6-2 LED — 6 mm²

For metric fuses 5 x 20

Width/Height/Depth	12.2 x 68 x 55
max. current / max. cond. cross-section	**10 / 10**
Max. clamping range	**0.13...10**



IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V		300 (C)		
Rated current A	10	10		
for wire cross-section mm²	6	AWG 26...12	AWG 20...8	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...10 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6
Blade size	0.6 x 3.5 mm

Note

The rated voltage of the fuse must not be exceeded. According to UL 600 V / 5 A. A 3 terminal points AWG 26-12, A 5 terminal points AWG 20-8.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10-36 V AC/DC, with LED	ZSI 6-2 2X2.5/G20/LD1	20	**1867500000**
140-250 V AC/DC, with LED	ZSI 6-2 2X2.5/G20/LD4	20	**1879750000**

Note

G 20 = G cartridge fuse 5 x 20 / G 25 = G cartridge fuse 5 x 25
G 25 LED versions on request

Accessories

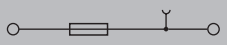
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SL 0.8X4.0X100		1	**1274670000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
0.25 A fast	G 20/0.25A/F		10	**0430500000**
G25 with indicator / imperial (inch) fuse				
2.00 A fast / 5 A				
4.00 A fast / 10 A				
1.00 A medium slow / 3 A				
0.50 A medium slow / 2 A				
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

Status display via an LED.

ZSI 6-2/FC — 6 mm²

For car fuses

Width/Height/Depth	8.1 x 70 x 50 mm
max. current / max. cond. cross-section	**30 / 10** A/mm²
Max. clamping range	**0.33...10** mm²



Technical data

DIN 72581-3, IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	250	300 (C)	300 (C)	
Rated current (A)	30		25	
for wire cross-section (mm²)	6	AWG 22...10	AWG 22...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...10
Flexible / Flexible with ferrule (mm²)	0.5...10 / 0.5...6
Blade size	4.0 x 0.8 mm

Note

Fuse continuous current max. 80 % IN.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 6-2/FC	25	**1814690000**
10-36 V AC/DC, with LED	ZSI 6-2/FC LD	25	**1814700000**

Note

Automotive fuses are not available from Weidmüller.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SL 0.8X4.0X100		1	**1274670000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of Pudenz fuses.

ZSI 6-2/FC

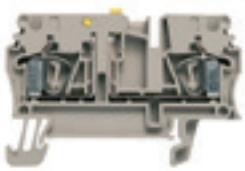
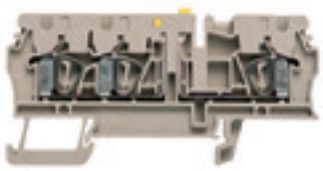
Overload and short-circuit protection

Type	Order No.
ZSI 6-2/FC	**1814690000**

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	24 °C	3,0 W / 30 A	*	*
In combination	28 °C	1.90 W / 24 A (30 A)**	*	*

*) Values not available
**) According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 30 A fuse can be loaded to a maximum 24 A

Spring connection with tension clamp technology (Z-Series)
Test-disconnect terminal blocks

	ZTR 2.5	ZTR 2.5/3AN
	2.5 mm²	2.5 mm²
	Two connections	Three connections
		
Width/Height/Depth mm	5.1 x 59.5 x 38.5	5.1 x 79.5 x 38.5
max. current / max. cond. cross-section A/mm²	**20 / 4**	**20 / 4**
Max. clamping range mm²	**0.05...4**	**0.05...4**

Technical data

	ZTR 2.5	ZTR 2.5/3AN
Rated data		
Rated voltage of feed-through terminal V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Number of operating cycles		
Approvals		

IEC	UL	CSA	EN 60079-7
500	600	600	
20	20	20	
2.5	AWG 30...12	AWG 30...12	
6 kV / 3			
A3 / V-0			

IEC	UL	CSA	EN 60079-7
500	600	300	
20	20	10	
2.5	AWG 30...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

	ZTR 2.5	ZTR 2.5/3AN
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	**Rated connection**	**Rated connection**
Flexible / Flexible with ferrule mm²	0.5...4	0.5...4
Twin wire-end ferrule -	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-		
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZTR 2.5	100	**1831280000**
blue	ZTR 2.5 BL	100	**8731710000**

Version	Type	Qty.	Order No.
dark beige	ZTR 2.5/3AN	100	**8731720000**
blue	ZTR 2.5/3AN BL	100	**8731730000**

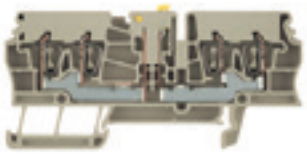
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	**1608860000**
4-pole				
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW 1		50	**1608740000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Testing / Checking				
Test plug	PS 2.3 RT		20	**0180400000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR		50	**1878570000**
With 1N4007 diode	BEST/D		50	**1878560000**
Test adapter				
Standard	ZTA 1		25	**1609040000**
With spigot	ZTA 1/ZA		25	**1609050000**
Disconnect plug				
removable, as replacement for release lever	TNST		50	**1833090000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
For detailed information on other accessories and application in the online catalogue	If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.			

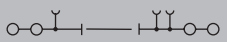
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	**1608860000**
4-pole				
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW 3		50	**1608800000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Testing / Checking				
Test plug	PS 2.3 RT		20	**0180400000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR		50	**1878570000**
With 1N4007 diode	BEST/D		50	**1878560000**
Test adapter				
Standard	ZTA 1		25	**1609040000**
With spigot	ZTA 1/ZA		25	**1609050000**
Disconnect plug				
removable, as replacement for release lever	TNST		50	**1833090000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
For detailed information on other accessories and application in the online catalogue	If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.			

ZTR 2.5/4AN — 2.5 mm²

Four connections



5.1 x 82.5 x 38.5
16 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 30...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZTR 2.5/4AN	100	7920900000
ZTR 2.5/4AN BL	100	7920930000

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW 3		50	1608800000
ZEW 35		20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
PS 2.3 RT		20	0180400000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 M MC NE WS		720	1792000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

ZTR 2.5-2 — 2.5 mm²

Two connections

5.1 x 50.5 x 43.5
21 / 2.5
0.13...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZTR 2.5-2	100	1779010000
ZTR 2.5-2 BL	100	1779120000

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW7		50	1706110000
ZEW 35		20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 14/5 MC NE WS		480	1768090000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

If the disconnect lever is replaced by the SIHA 2, a fused terminal is created.

ZTR 6-2 — 6 mm²

Two connections

8.1 x 70 x 50
32 / 10
0.05...10

IEC	UL	CSA	EN 60079-7
690	300		
32	25		
6	AWG 22...8		
	8 kV / 3		
	A5 / V-0		

Rated connection
0.5...10 / 0.5...6
0.5...6 / 0.5...6
12 / 0.6 x 3.5 mm

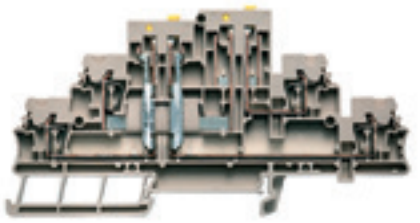
With plugged ZQV, 500 V and 6 kV.If the disconnect lever is replaced by an SIHA 3, the result is a fuse terminal.

Type	Qty.	Order No.
ZTR 6-2	50	1023830000

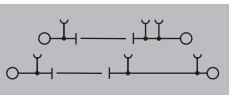
Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
SDIS 0.6X3.5X100		10	9008390000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6 MC NE WS		600	1609900000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDTR 2.5 — 2.5 mm²

Four connections



Width/Height/Depth	mm	5.1 x 117 x 67
max. current / max. cond. cross-section	A/mm²	**16 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

Rated data		IEC 60947-7-1			
		IEC	**UL**	**CSA**	**EN 60079-7**
Rated voltage of feed-through terminal	V	400	300	300	
Rated current	A	16	10	10	
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Number of operating cycles					
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

Note	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	**Type**	**Qty.**	**Order No.**
dark beige	ZDTR 2.5	20	**1745400000**
blue	ZDTR 2.5 BL	20	**1798330000**

Note

Accessories

Pluggable cross-connection	**Type**	**current**	**Qty.**	**Order No.**
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**
End plate / Partition plate				
dark beige	AP ZDTR2.5		20	**1745420000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Testing / Checking				
Test plug	PS 2.3 RT		20	**0180400000**
Holder for cartridge fuse 5 x 20 mm				
10 - 36 V AC/DC, red LED	SIHA 2/G20 10-36V		25	**9543070000**
140 - 250 V AC/DC, red LED	SIHA 2/G20 140-250V		25	**9537640000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue	If the disconnect lever is replaced by the SIHA 2 (only on the top level), a fused terminal is created.

ZT 2.5/2AN/1 — 2.5 mm²

1 tension clamp connection / 1 pluggable connection

Width/Height/Depth	5.1 x 58 x 34.5 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.13...4 mm²

Technical data

IEC 61984, In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300	
Max. voltage of clamp support & pluggable system V	690			
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

Ordering data

	Type	Qty.	Order No.
dark beige	ZT 2.5/2AN/1	50	1815070000
blue	ZT 2.5/2AN/1 BL	50	1295550000
Plug-in connector	**Type**	**Qty.**	**Order No.**
	ZP 2.5/1AN/QV/1	50	1815190000
	ZP 2.5/1AN/QV/2	25	1815200000
	ZP 2.5/1AN/QV/3	25	1815210000
	ZP 2.5/1AN/QV/4	25	1815220000
	ZP 2.5/1AN/QV/5	25	1815230000
	ZP 2.5/1AN/QV/6	25	1815240000
	ZP 2.5/1AN/QV/7	25	1815250000
	ZP 2.5/1AN/QV/8	20	1815260000
	ZP 2.5/1AN/QV/9	20	1815270000
	ZP 2.5/1AN/QV/10	20	1815280000

Note

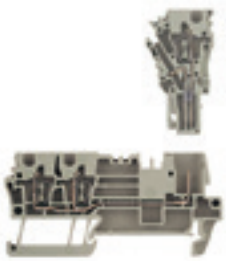
Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate				
dark beige	ZAP/TW ZT2.5/2AN		50	1816030000
Orange	ZAP/TW ZT2.5/2AN OR		50	1816040000
Test adapter				
Standard	ZTA ZT2.5		25	1827080000
With spigot	ZTA ZT2.5/ZA		25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 10/5 MC M SDR		144	1792010000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZT 2.5/3AN/1 — 2.5 mm²

2 tension clamp connections / 1 pluggable connection



Width/Height/Depth	5.1 x 71.5 x 34.5 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.13...4 mm²

Technical data

IEC 61984, In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300	
Max. voltage of clamp support & pluggable system V	690			
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

Ordering data

	Type	Qty.	Order No.
dark beige	ZT 2.5/3AN/1	50	1815090000
blue	ZT 2.5/3AN/1 BL	50	1304720000
Plug-in connector	**Type**	**Qty.**	**Order No.**
	ZP 2.5/1AN/QV/1	50	1815190000
	ZP 2.5/1AN/QV/2	25	1815200000
	ZP 2.5/1AN/QV/3	25	1815210000
	ZP 2.5/1AN/QV/4	25	1815220000
	ZP 2.5/1AN/QV/5	25	1815230000
	ZP 2.5/1AN/QV/6	25	1815240000
	ZP 2.5/1AN/QV/7	25	1815250000
	ZP 2.5/1AN/QV/8	20	1815260000
	ZP 2.5/1AN/QV/9	20	1815270000
	ZP 2.5/1AN/QV/10	20	1815280000

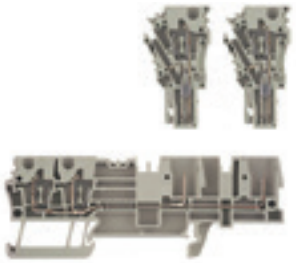
Note

Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate				
dark beige	ZAP/TW ZT2.5/3AN		50	1816050000
Orange				
Test adapter				
Standard	ZTA ZT2.5		25	1827080000
With spigot	ZTA ZT2.5/ZA		25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC M SDR		144	1792010000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

ZT 2.5/4AN/2 — 2.5 mm²

2 tension clamp connections / 2 pluggable connections



5.1 x 93 x 34.5
24 / 4
0.13...4

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

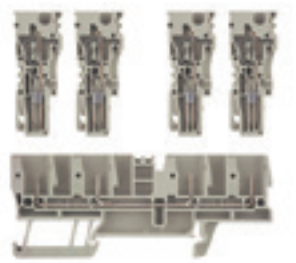
Type	Qty.	Order No.
ZT 2.5/4AN/2	50	**1815110000**

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	**1815190000**
ZP 2.5/1AN/QV/2	25	**1815200000**
ZP 2.5/1AN/QV/3	25	**1815210000**
ZP 2.5/1AN/QV/4	25	**1815220000**
ZP 2.5/1AN/QV/5	25	**1815230000**
ZP 2.5/1AN/QV/6	25	**1815240000**
ZP 2.5/1AN/QV/7	25	**1815250000**
ZP 2.5/1AN/QV/8	20	**1815260000**
ZP 2.5/1AN/QV/9	20	**1815270000**
ZP 2.5/1AN/QV/10	20	**1815280000**

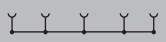
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	**1693800000**
ZQV 2.5N/10 GE	24 A	20	**1693880000**
ZAP/TW ZT2.5/4AN/2		50	**1816070000**
ZAP/TW ZT2.5/4AN/2 OR		50	**1816080000**
ZTA ZT2.5		25	**1827080000**
ZTA ZT2.5/ZA		25	**1847600000**
ZVR ZP2.5		25	**1816130000**
KOSF ZT2.5		50	**1816150000**
ZZE ZP2.5		25	**1816140000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC M SDR		144	**1792010000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZT 2.5/4AN/4 — 2.5 mm²

4 pluggable connections



5.1 x 85.5 x 34.5
24 /



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	/ V-0		

Rated connection	Plug-in connection

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

Type	Qty.	Order No.
ZT 2.5/4AN/4	50	**1815130000**

Type	Qty.	Order No.
ZP 2.5/1AN/1	50	**1815430000**
ZP 2.5/1AN/2	25	**1815440000**
ZP 2.5/1AN/3	25	**1815450000**
ZP 2.5/1AN/4	25	**1815500000**
ZP 2.5/1AN/5	25	**1815510000**
ZP 2.5/1AN/6	25	**1815520000**
ZP 2.5/1AN/7	25	**1815530000**
ZP 2.5/1AN/8	20	**1815540000**
ZP 2.5/1AN/9	20	**1815550000**
ZP 2.5/1AN/10	20	**1815560000**

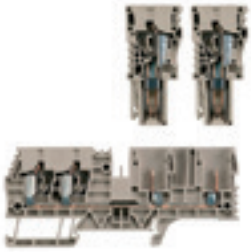
Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	**1693800000**
ZQV 2.5N/10 GE	24 A	20	**1693880000**
ZAP/TW ZT2.5/4AN/4		50	**1816090000**
ZTA ZT2.5		25	**1827080000**
ZTA ZT2.5/ZA		25	**1847600000**
ZVR ZP2.5		25	**1816130000**
KOSF ZT2.5		50	**1816150000**
ZZE ZP2.5		25	**1816140000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZT 4/2AN/1 — 4 mm²

1 tension clamp connection / 1 pluggable connection

ZT 4/4AN/2 — 4 mm²

2 tension clamp connections / 2 pluggable connections



Width/Height/Depth	mm	6.5 x 58 x 43
max. current / max. cond. cross-section	A/mm²	**32 / 6**
Max. clamping range	mm²	**0.13...6**

Width/Height/Depth	mm	6.5 x 100.5 x 43
max. current / max. cond. cross-section	A/mm²	**32 / 6**
Max. clamping range	mm²	**0.13...6**

Technical data

Rated data					
Rated voltage	V	800	600	600	
Max. voltage of clamp support & pluggable system	V	800			
Rated current	A	32	28	28	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...6	
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4	
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	

Note

IEC 61984, In accordance with IEC 60947-1

CSA current and voltage, acc. to Gr. C

Rated data					
Rated voltage	V	800	600	600	
Max. voltage of clamp support & pluggable system	V	800			
Rated current	A	32	28	28	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...6	
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4	
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	

Note

IEC 61984, In accordance with IEC 60947-1

CSA current and voltage, acc. to Gr. C

Ordering data

	Type	Qty.	Order No.
dark beige	ZT 4/2AN/1	50	**1854960000**
blue	ZT 4/2AN/1 BL	50	**1312830000**
Plug-in connector	**Type**	**Qty.**	**Order No.**
	ZP 4/1AN/1	50	**1848340000**
	ZP 4/1AN/2	25	**1854990000**
	ZP 4/1AN/3	25	**1855000000**
	ZP 4/1AN/4	25	**1855010000**
	ZP 4/1AN/5	20	**1855020000**
	ZP 4/1AN/6	20	**1855030000**
	ZP 4/1AN/7	20	**1855040000**
	ZP 4/1AN/8	20	**1855050000**
	ZP 4/1AN/9	10	**1855060000**
	ZP 4/1AN/10	10	**1855070000**

Note

	Type	Qty.	Order No.
	ZT 4/4AN/2	50	**1848350000**
	Type	**Qty.**	**Order No.**
	ZP 4/1AN/1	50	**1848340000**
	ZP 4/1AN/2	25	**1854990000**
	ZP 4/1AN/3	25	**1855000000**
	ZP 4/1AN/4	25	**1855010000**
	ZP 4/1AN/5	20	**1855020000**
	ZP 4/1AN/6	20	**1855030000**
	ZP 4/1AN/7	20	**1855040000**
	ZP 4/1AN/8	20	**1855050000**
	ZP 4/1AN/9	10	**1855060000**
	ZP 4/1AN/10	10	**1855070000**

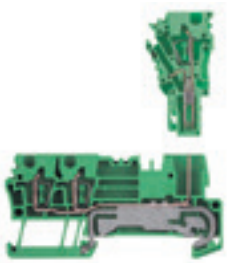
Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
dark beige	ZAP/TW ZT4/2AN		50	**1855220000**
Orange	ZAP/TW ZT4/2AN OR		50	**1855230000**
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP4		25	**1855250000**
Coding element	KOSF ZT4		50	**1856860000**
Strain relief	ZZE ZP4		25	**1855260000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 10/6 MC NE WS		600	**1828450000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

	Type	current	Qty.	Order No.
	ZQV 4/2 GE	32 A	60	**1608950000**
	ZAP/TW ZT4/4AN/2		50	**1848360000**
	ZVR ZP4		25	**1855250000**
	KOSF ZT4		50	**1856860000**
	ZZE ZP4		25	**1855260000**
	SDIS SL 0.6X3.5X100		1	**1274660000**
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 10/6 MC NE WS		600	**1828450000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

	ZTPE 2.5/2AN/1	2.5 mm²	ZTPE 2.5/3AN/1	2.5 mm²
	1 tension clamp connection / 1 pluggable connection		2 tension clamp connections / 1 pluggable connection	



Width/Height/Depth	mm	5.1 x 58 x 34.5
max. current / max. cond. cross-section	-/mm²	/ 4
Max. clamping range	mm²	0.13...4

Width/Height/Depth	mm	5.1 x 71.5 x 34.5
max. current / max. cond. cross-section	-/mm²	/ 4
Max. clamping range	mm²	0.13...4

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300	
Max. voltage of clamp support & pluggable system	V	690			
Rated short-time current		300 (2.5 mm²)			
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note	
	IEC 61984, In accordance with IEC 60947-7-1
	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300	
Max. voltage of clamp support & pluggable system	V	690			
Rated short-time current		300 (2.5 mm²)			
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note	
	IEC 61984, In accordance with IEC 60947-7-1
	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
green/yellow	ZTPE 2.5/2AN/1	50	1815080000

Version	Type	Qty.	Order No.
green/yellow	ZTPE 2.5/3AN/1	50	1815100000

Accessories

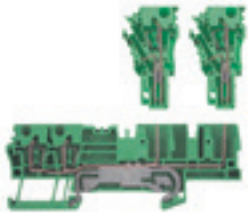
End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW ZT2.5/2AN		50	1816030000
Orange	ZAP/TW ZT2.5/2AN OR		50	1816040000
Test adapter				
Standard	ZTA ZT2.5		25	1827080000
With spigot	ZTA ZT2.5/ZA		25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW ZT2.5/3AN		50	1816050000
Orange				
Test adapter				
Standard	ZTA ZT2.5		25	1827080000
With spigot	ZTA ZT2.5/ZA		25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

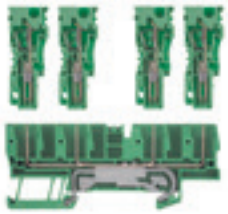
ZTPE 2.5/4AN/2 — 2.5 mm²

2 tension clamp connections / 2 pluggable connections

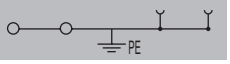


ZTPE 2.5/4AN/4 — 2.5 mm²

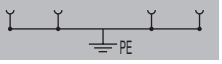
4 pluggable connections



Width/Height/Depth	mm	5.1 x 93 x 34.5
max. current / max. cond. cross-section	-/mm²	/ 4
Max. clamping range	mm²	0.13...4



Width/Height/Depth	mm	5.1 x 85.5 x 34.5
max. current / max. cond. cross-section	-/mm²	/ 4
Max. clamping range	mm²	0.13...4



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300	
Max. voltage of clamp support & pluggable system	V	690			
Rated short-time current		300 (2.5 mm²)			
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note	
	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Technical data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300	
Max. voltage of clamp support & pluggable system	V	690			
Rated short-time current		300 (2.5 mm²)			
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note	
	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
green/yellow	ZTPE 2.5/4AN/2	50	1815120000

Version	Type	Qty.	Order No.
green/yellow	ZTPE 2.5/4AN/4	50	1815140000

Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW ZT2.5/4AN/2		50	1816070000
Orange	ZAP/TW ZT2.5/4AN/2 OR		50	1816080000
Test adapter				
Standard	ZTA ZT2.5		25	1827080000
With spigot	ZTA ZT2.5/ZA		25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW ZT2.5/4AN/4		50	1816090000
Orange				
Test adapter				
Standard	ZTA ZT2.5		25	1827080000
With spigot	ZTA ZT2.5/ZA		25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

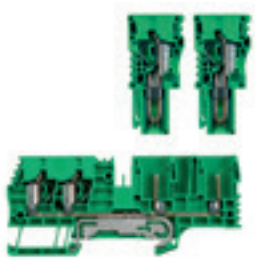
For detailed information on other accessories and application in the online catalogue

ZTPE 4/2AN/1 — 4 mm²

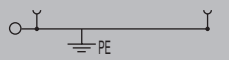
1 tension clamp connection / 1 pluggable connection

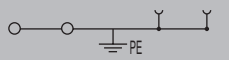
ZTPE 4/4AN/2 — 4 mm²

2 tension clamp connections / 2 pluggable connections



Width/Height/Depth	mm	6.5 x 58 x 43	6.5 x 100.5 x 43
max. current / max. cond. cross-section	-/mm²	/ 6	/ 6
Max. clamping range	mm²	0.13...6	0.13...6





Technical data

Rated data					
Rated voltage	V	IEC	UL	CSA	EN 60079-7
Max. voltage of clamp support & pluggable system	V	500			
Rated short-time current		800			
for wire cross-section	mm²	480 (4 mm²)			
Rated impulse withstand voltage / Pollution severity		4	AWG 26...10	AWG 26...10	
Gauge to IEC 60947-1 / UL 94 flammability rating		/ 3			
Approvals		A3 / V-0			

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...6	
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4	
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	

Note	
	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC 61984, In accordance with IEC 60947-7-1

Ordering data

Version	Type	Qty.	Order No.
green/yellow	ZTPE 4/2AN/1	50	1854970000
Note			

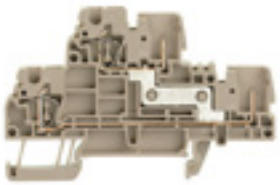
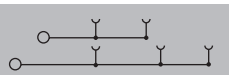
Version	Type	Qty.	Order No.
green/yellow	ZTPE 4/4AN/2	50	1848330000
Note			

Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW ZT4/2AN		50	1855220000
Orange	ZAP/TW ZT4/2AN OR		50	1855230000
Test adapter				
Standard	ZTA ZT2.5		25	1827080000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP4		25	1855250000
Coding element	KOSF ZT4		50	1856860000
Strain relief	ZZE ZP4		25	1855260000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 10/6 MC NE WS		600	1828450000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000
DIN A4 sheets				
	ESO 7 DIN A4 WS		10	1607720000
Group designation				
Protective strips transparent	STR 7 F.SCHT 7		20	0515300000

End plate / Partition plate	Type	current	Qty.	Order No.
Test adapter				
	ZTA ZT2.5		25	1827080000
Miscellaneous accessories WeiCoS				
	ZVR ZP4		25	1855250000
	KOSF ZT4		50	1856860000
	ZZE ZP4		25	1855260000
Screwdriver				
	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 10/6 MC NE WS		600	1828450000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000
DIN A4 sheets				
	ESO 7 DIN A4 WS		10	1607720000
Group designation				
	STR 7 F.SCHT 7		20	0515300000

For detailed information on other accessories and application in the online catalogue

	ZDT 2.5/2	ZDT 2.5/2 V
	2.5 mm²	2.5 mm²
	Two potentials feasible	
		
Width/Height/Depth mm	5.1 x 80.5 x 52	5.1 x 80.5 x 52
max. current / max. cond. cross-section A/mm²	24 / 4	24 / 4
Max. clamping range mm²	0.13...4	0.13...4
		

Technical data

	ZDT 2.5/2	ZDT 2.5/2 V
Rated data	IEC 61984, In accordance with IEC 60947-7-1	IEC 61984, In accordance with IEC 60947-7-1
Rated voltage V	500	500
Max. voltage of clamp support & pluggable system V	690	690
Rated current A	24	24
for wire cross-section mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0	A2 / V-0
Approvals		

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		

	ZDT 2.5/2	ZDT 2.5/2 V
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

	ZDT 2.5/2	ZDT 2.5/2 V
Note	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Ordering data

	ZDT 2.5/2	ZDT 2.5/2 V
dark beige		

Type	Qty.	Order No.
ZDT 2.5/2	50	1815150000

Type	Qty.	Order No.
ZDT 2.5/2 V	50	1084770000

Plug-in connector

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Note

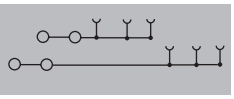
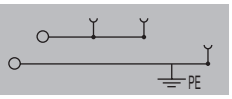
Accessories

Type	current	Qty.	Order No.
Pluggable cross-connection			
2-pole ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate			
dark beige ZAP/TW ZDT2.5/2		50	1816110000
Test adapter			
Standard ZTA ZT2.5		25	1827080000
With spigot ZTA ZT2.5/ZA		25	1847600000
Miscellaneous accessories WeiCoS			
Locking element ZVR ZP2.5		25	1816130000
Coding element KOSF ZT2.5		50	1816150000
Strain relief ZZE ZP2.5		25	1816140000
Screwdriver			
Standard SDIS SL 0.6X3.5X100		1	1274660000
Identification systems			
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZAP/TW ZDT2.5/2		50	1816110000
ZTA ZT2.5		25	1827080000
ZTA ZT2.5/ZA		25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SDS 0.6X3.5X100		10	9008330000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

	ZDT 2.5/8AN/4	2.5 mm²	ZDT 2.5/2 DU-PE	2.5 mm²
			Phase - PE conductor	
Width/Height/Depth mm	5.1 x 145 x 50.5		5.1 x 80.5 x 52	
max. current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

	ZDT 2.5/8AN/4	ZDT 2.5/2 DU-PE
Rated data		
Rated voltage V	IEC 61984, In accordance with IEC 60947-7-1	IEC 61984, In accordance with IEC 60947-7-1
Max. voltage of clamp support & pluggable system V		
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500				500	300	300	
690				690			
24				24	20	20	
2.5				2.5	AWG 26...12		
		6 kV / 3				6 kV / 3	
		A2 / V-0				A2 / V-0	
CE				CE cULus GL KCC			

	ZDT 2.5/8AN/4	ZDT 2.5/2 DU-PE
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

Rated connection	Plug-in connection	Rated connection	Plug-in connection
0.5...4 / 0.5...4		0.5...4	
0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	

	ZDT 2.5/8AN/4	ZDT 2.5/2 DU-PE
Note		2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	ZDT 2.5/8AN/4	50	1259120000	ZDT 2.5/2 DU-PE	50	1815160000
Plug-in connector	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	ZP 2.5/1AN/QV/1	50	1815190000	ZP 2.5/1AN/QV/1	50	1815190000
	ZP 2.5/1AN/QV/2	25	1815200000	ZP 2.5/1AN/QV/2	25	1815200000
	ZP 2.5/1AN/QV/3	25	1815210000	ZP 2.5/1AN/QV/3	25	1815210000
	ZP 2.5/1AN/QV/4	25	1815220000	ZP 2.5/1AN/QV/4	25	1815220000
	ZP 2.5/1AN/QV/5	25	1815230000	ZP 2.5/1AN/QV/5	25	1815230000
	ZP 2.5/1AN/QV/6	25	1815240000	ZP 2.5/1AN/QV/6	25	1815240000
	ZP 2.5/1AN/QV/7	25	1815250000	ZP 2.5/1AN/QV/7	25	1815250000
	ZP 2.5/1AN/QV/8	20	1815260000	ZP 2.5/1AN/QV/8	20	1815260000
	ZP 2.5/1AN/QV/9	20	1815270000	ZP 2.5/1AN/QV/9	20	1815270000
	ZP 2.5/1AN/QV/10	20	1815280000	ZP 2.5/1AN/QV/10	20	1815280000
Note						

Accessories

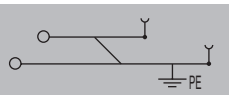
	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000	ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000	ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate								
dark beige	ZAP/TW ZDT2.5/2		50	1816110000	ZAP/TW ZDT2.5/2		50	1816110000
Test adapter								
Standard	ZTA ZT2.5		25	1827080000	ZTA ZT2.5		25	1827080000
With spigot	ZTA ZT2.5/ZA		25	1847600000	ZTA ZT2.5/ZA		25	1847600000
Miscellaneous accessories WeiCoS								
Locking element	ZVR ZP2.5		25	1816130000	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000	ZZE ZP2.5		25	1816140000
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	1274660000	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
For detailed information on other accessories and application in the online catalogue					ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.			

ZDT 2.5/2 PE — 2.5 mm²

2 tension clamp connections / 2 pluggable connections

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm²
Max. clamping range	mm²

5.1 x 80.5 x 52	
/ 4	
0.13...4	



IEC 61984, In accordance with IEC 60947-7-1

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500		300	
Max. voltage of clamp support & pluggable system	690			
Rated short-time current	300 (2.5 mm²)			
for wire cross-section	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded	0.5...4	
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5	
Stripping length / Blade size	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
green/yellow	ZDT 2.5/2 PE	50	1815170000

Note

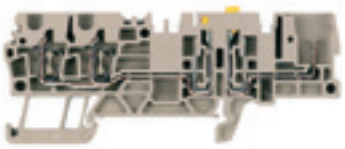
Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW ZDT2.5/2		50	1816110000
Test adapter				
Standard	ZTA ZT2.5		25	1827080000
With spigot	ZTA ZT2.5/ZA		25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

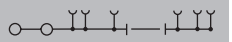
For detailed information on other accessories and application in the online catalogue

ZTTR 2.5 — 2.5 mm²

2 tension clamp connections / 1 pluggable connection



Width/Height/Depth	5.1 x 87 x 36 mm
max. current / max. cond. cross-section	18 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

Rated data				
	IEC	UL	CSA	EN 60079-7
Rated voltage V	400	600	300	
Max. voltage of clamp support & pluggable system -				
Rated current A	16	16	16	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note	
	IEC 61984, In accordance with IEC 60947-7-1
	CSA current and voltage, acc. to Gr. B

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZTTR 2.5	50	1865510000
without isolator, dark beige	ZTTR 2.5 O.TNHE	50	1905470000
Note	Please contact customer support when planning your installation with SIHA.		

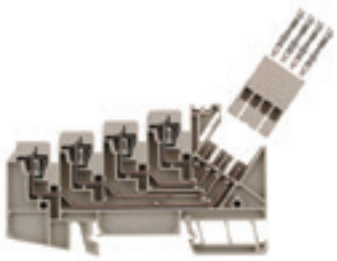
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate				
dark beige	ZAP/TW ZTTR2.5		50	1865520000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Testing / Checking				
Test plug	PS 2.3 RT		20	0180400000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR		50	1878570000
With 1N4007 diode	BEST/D		50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

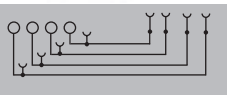
For detailed information on other accessories and application in the online catalogue	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZRV 1.5 — 1.5 mm²

Base terminal - plug



Width/Height/Depth	5.1 x 89.5 x 52
max. current / max. cond. cross-section	/ 2.5
Max. clamping range	0.13...2.5



IEC 61984, In accordance with IEC 60947-7-1

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	63	150		
Max. voltage of clamp support & pluggable system (-)				
Rated current (A)	4	10		
for wire cross-section (mm²)	1.5	AWG 26...14		
Rated impulse withstand voltage / Pollution severity			1.5 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A1 / V-0	
Approvals	CE UL			

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded (mm²)	0.5...2.5	
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5	
Stripping length / Blade size (mm/-)	8 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
Base terminal	ZRV 1.5	50	1698160000

Note

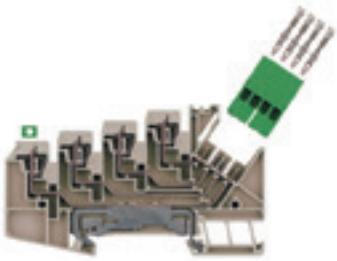
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
10-pole				
STGH plug housing				
With spigot	STGH 4 ZRV1.5		50	1698190000
Without peg				
Crimp contacts				
Reel packaged				
Reel packaged				
Reel packaged				
Single contacts	DFFC 0.2-0.35 ZRV1.5		500	1705310000
Single contacts	DFFC .5-1.0 ZRV1.5		500	1705320000
Single contacts				
Test adapter				
Strain relief				
Plug housing black				
Black plug enclosure				
End plate / Partition plate				
beige Wemid				
dark brown	AP ZRV1.5 DB		10	1698180000
Locking elements				
Tools				
Crimping tool	HTF ZRV		1	9014840000
Mounting tool				
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

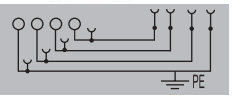
For detailed information on other accessories and application in the online catalogue

ZRV 1,5/PE — 1.5 mm²

Base terminal - plug



Width/Height/Depth	5.1 x 89.5 x 52
max. current / max. cond. cross-section	/ 2.5
Max. clamping range	0.13...2.5



IEC 61984, In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	63	150		
Max. voltage of clamp support & pluggable system (-)				
Rated current (A)	4	10		
for wire cross-section (mm²)	1.5	AWG 26...14		
Rated impulse withstand voltage / Pollution severity			1.5 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A1 / V-0	
Approvals	CE UL			

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded (mm²)	0.5...2.5	
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5	
Stripping length / Blade size (mm/-)	8 / 0.6 x 3.5 mm	

Note

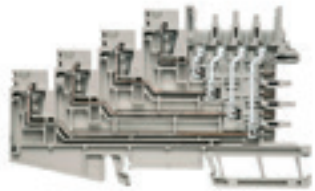
Version	Type	Qty.	Order No.
Base terminal	ZRV 1.5/PE	50	1698170000

Note

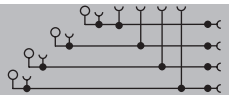
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
10-pole				
STGH plug housing				
With spigot	STGH 4 ZRV1.5/PE GN		50	1698200000
Without peg				
Crimp contacts				
Reel packaged				
Reel packaged				
Reel packaged				
Single contacts	DFFC 0.2-0.35 ZRV1.5		500	1705310000
Single contacts	DFFC .5-1.0 ZRV1.5		500	1705320000
Single contacts				
Test adapter				
Strain relief				
Plug housing black				
Black plug enclosure				
End plate / Partition plate				
beige Wemid				
dark brown	AP ZRV1.5 DB		10	1698180000
Locking elements				
Tools				
Crimping tool	HTF ZRV		1	9014840000
Mounting tool				
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZRV 2.5/2 — 2.5 mm²



5.2 x 115 x 69.5
10 / 4
0.21...4



IEC 61984, In accordance with IEC 60947-7-1

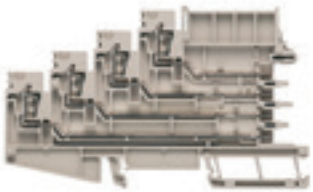
IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
2.5	AWG 24...14	AWG 26...14	
	4 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

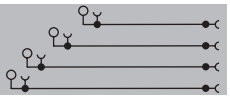
Type	Qty.	Order No.
ZRV 2.5/2	50	**1906970000**

Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
STGH ZRV2.5		50	**1907000000**
STGH 0.ZA ZRV2.5		50	**1907010000**
FEKO ZRV2.5 0.2-0.35		5000	**1854750000**
FEKO ZRV2.5 0.5-1		5000	**1854760000**
FEKO ZRV2.5 1.5-2.5		4200	**1848480000**
FEKO ET ZRV2.5 0.2-0.35		500	**1893940000**
FEKO ET ZRV2.5 0.5-1		500	**1893970000**
FEKO ET ZRV2.5 1.5-2.5		500	**1893990000**
ZE ZRV2.5		25	**2318670000**
STGH 0.R/SW ZRV2.5		25	**1898420000**
STGH 0.ZA/0.R/SW ZRV2.5		25	**1898430000**
AP ZRV2.5		10	**1906980000**
HTF AFK 2.5		1	**9201040000**
Removal Tool AFK		1	**1866760000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

ZRV 2.5/1 — 2.5 mm²



5.2 x 115 x 69.5
/ 4
0.5...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
10	10		
2.5	AWG 24...14		
	4 kV / 3		
	/ V-0		

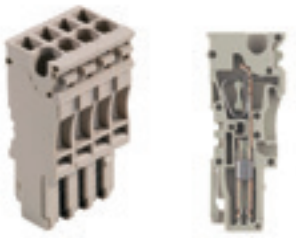
Rated connection	Plug-in connection
0.5...4	
0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZRV 2.5/1	50	**1906960000**

Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
STGH ZRV2.5		50	**1907000000**
STGH 0.ZA ZRV2.5		50	**1907010000**
FEKO ZRV2.5 0.2-0.35		5000	**1854750000**
FEKO ZRV2.5 0.5-1		5000	**1854760000**
FEKO ZRV2.5 1.5-2.5		4200	**1848480000**
FEKO ET ZRV2.5 0.2-0.35		500	**1893940000**
FEKO ET ZRV2.5 0.5-1		500	**1893970000**
FEKO ET ZRV2.5 1.5-2.5		500	**1893990000**
ZE ZRV2.5		25	**2318670000**
STGH 0.R/SW ZRV2.5		25	**1898420000**
STGH 0.ZA/0.R/SW ZRV2.5		25	**1898430000**
AP ZRV2.5		10	**1906980000**
VREL 2 ZRV2.5/4		20	**1167890000**
VREL 4 ZRV2.5/4		10	**1167900000**
VREL 8 ZRV2.5/4		10	**1167910000**
HTF AFK 2.5		1	**9201040000**
Removal Tool AFK		1	**1866760000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

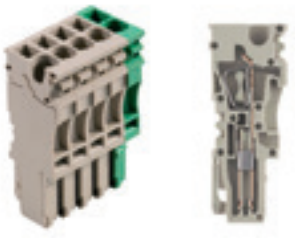
ZP 2.5/1AN — 2.5 mm²

1...17-pole



ZP 2.5/1AN/GN/BE — 2.5 mm²

2 to 17-pole
Connectors each with one green pole



Width/Height/Depth	mm	5.1 x 16.5 x 41	51 x 16 x 41
max. current / max. cond. cross-section	A/mm²	**24 / 4**	**24 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**

Technical data

IEC 60947-7-1, IEC 61984

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Max. voltage of clamp support & pluggable system	V	690			
Rated current	A	24	20	20	
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Max. voltage of clamp support & pluggable system	V	690			
Rated current	A	24	20	20	
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			6 kV /		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
1-pin	ZP 2.5/1AN/1	50	**1815430000**
2-pin	ZP 2.5/1AN/2	25	**1815440000**
3-pin	ZP 2.5/1AN/3	25	**1815450000**
4-pin	ZP 2.5/1AN/4	25	**1815500000**
5-pin	ZP 2.5/1AN/5	25	**1815510000**
6-pin	ZP 2.5/1AN/6	25	**1815520000**
7-pin	ZP 2.5/1AN/7	25	**1815530000**
8-pin	ZP 2.5/1AN/8	20	**1815540000**
9-pin	ZP 2.5/1AN/9	20	**1815550000**
10-pin	ZP 2.5/1AN/10	20	**1815560000**
11-pin	ZP 2.5/1AN/11	20	**1815570000**
12-pin	ZP 2.5/1AN/12	20	**1815580000**
13-pin	ZP 2.5/1AN/13	10	**1815590000**
14-pin	ZP 2.5/1AN/14	10	**1815600000**
15-pin	ZP 2.5/1AN/15	10	**1815610000**
16-pin	ZP 2.5/1AN/16	10	**1815620000**
17-pin	ZP 2.5/1AN/17	10	**1815180000**
1-pin (green)	ZP 2.5/1AN/1 GN	50	**1820580000**

Note

Type	Qty.	Order No.
ZP 2.5/1AN/2 GN/BE	25	**1867090000**
ZP 2.5/1AN/3 GN/BE	25	**1867100000**
ZP 2.5/1AN/4 GN/BE	25	**1867110000**
ZP 2.5/1AN/5 GN/BE	25	**1867120000**
ZP 2.5/1AN/6 GN/BE	25	**1867130000**
ZP 2.5/1AN/7 GN/BE	25	**1867140000**
ZP 2.5/1AN/8 GN/BE	20	**1867150000**
ZP 2.5/1AN/9 GN/BE	20	**1867160000**
ZP 2.5/1AN/10 GN/BE	20	**1867170000**
ZP 2.5/1AN/11 GN/BE	20	**1867180000**
ZP 2.5/1AN/12 GN/BE	20	**1867190000**
ZP 2.5/1AN/13 GN/BE	10	**1867200000**
ZP 2.5/1AN/14 GN/BE	10	**1867210000**
ZP 2.5/1AN/15 GN/BE	10	**1867220000**
ZP 2.5/1AN/17 GN/BE	10	**1867240000**

The technical specifications are only valid for use in conjunction with PE terminals, according to DIN EN 60947-7-2.

Accessories

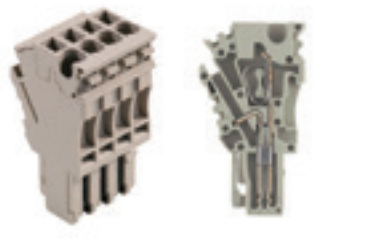
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
10-pole				
Test adapter				
Standard	ZTA ZT2.5		25	**1827080000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
10-pole				
Test adapter				
Standard	ZTA ZT2.5		25	**1827080000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZP 2.5/1AN/QV — 2.5 mm²

1...17-pole



5.1 x 23 x 41
24 / 4
0.13...4

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV /		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

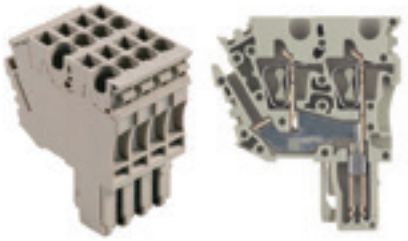
2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000
ZP 2.5/1AN/QV/11	20	1815290000
ZP 2.5/1AN/QV/12	20	1815300000
ZP 2.5/1AN/QV/13	10	1815310000
ZP 2.5/1AN/QV/14	10	1815320000
ZP 2.5/1AN/QV/15	10	1815330000
ZP 2.5/1AN/QV/16	10	1815340000
ZP 2.5/1AN/QV/17	10	1815350000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZTA ZT2.5		25	1827080000
SDIS SL 0.6X3.5X100		1	1274660000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZP 2.5/2AN/QV — 2.5 mm²

1...16-pole



5.1 x 23 x 41
24 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

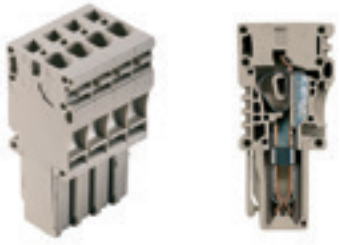
2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZP 2.5/2AN/QV/1	50	1815730000
ZP 2.5/2AN/QV/2	20	1815740000
ZP 2.5/2AN/QV/3	20	1815750000
ZP 2.5/2AN/QV/4	20	1815760000
ZP 2.5/2AN/QV/5	20	1815770000
ZP 2.5/2AN/QV/6	20	1815780000
ZP 2.5/2AN/QV/7	20	1815790000
ZP 2.5/2AN/QV/8	10	1815800000
ZP 2.5/2AN/QV/9	10	1815810000
ZP 2.5/2AN/QV/10	10	1815820000
ZP 2.5/2AN/QV/11	10	1815830000
ZP 2.5/2AN/QV/12	10	1815840000
ZP 2.5/2AN/QV/15	5	1815870000
ZP 2.5/2AN/QV/16	5	1815880000
ZP 2.5/2AN/QV/1 GN	50	1820590000

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZTA ZT2.5		25	1827080000
SDIS SL 0.6X3.5X100		1	1274660000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZP 4/1AN — 4 mm²

1...16-pole



6.5 x 22.5 x 47.5
32 / 6
0.13...6

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
800	600	600	
32	28	28	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A3 / V-0		

Rated connection	Plug-in connection
0.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

CSA current and voltage, acc. to Gr. C

Type	Qty.	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000
ZP 4/1AN/11	20	1855080000
ZP 4/1AN/12	10	1855090000
ZP 4/1AN/13	10	1855100000
ZP 4/1AN/14	10	1855110000
ZP 4/1AN/1 GN	50	1854980000

Type	current	Qty.	Order No.
SDIS SL 0.6X3.5X100		1	1274660000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/6 MC NE WS		600	1828450000

WeiCoS single plates

Individual plates for self-preparation
The WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

Single plates, plug ZP 2.5/1AN

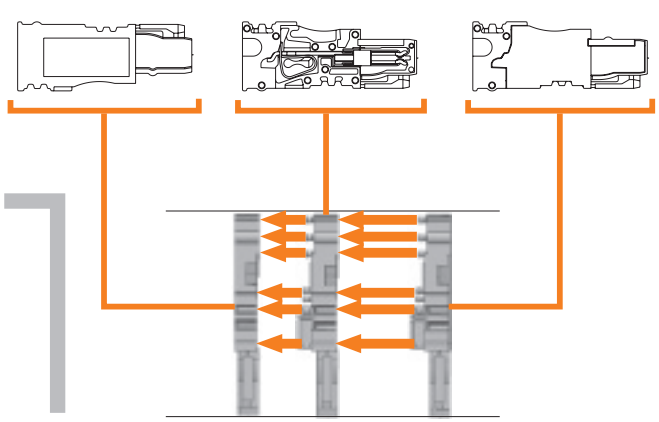
Ordering data

Type	Qty.	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA O.RA BL	50	1972980000
ZP 2.5/1AN ZA BL	50	1009070000
ZP 2.5/1AN GN	50	1875180000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 2.5/1AN ZA GN	50	1875200000

Note

Construction of plug:

1 start element	n-2 core element	1 end element
1875150000 BE	1875210000 BE	1875190000 BE
1875180000 GN	1972980000 BL	1009070000 BL
	1875220000 GN	1875200000 GN



Single plates, plug ZP 2.5/1AN/QV

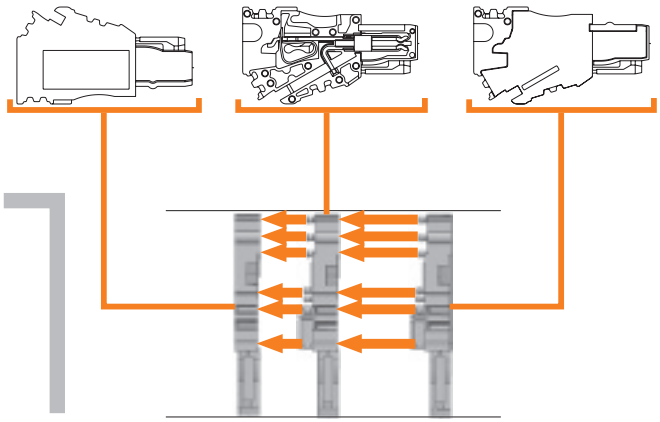
Ordering data

Type	Qty.	Order No.
ZP 2.5/1AN/QV	50	1007900000
ZP 2.5/1AN/QV ZA O.RA	50	1007960000
ZP 2.5/1AN/QV ZA	50	1007930000
ZP 2.5/1AN/QV ZAO.RA BL	50	1007970000
ZP 2.5/1AN/QV GN	50	1007920000
ZP 2.5/1AN/QV ZAO.RA GN	50	1007980000
ZP 2.5/1AN/QV ZA GN	50	1007950000

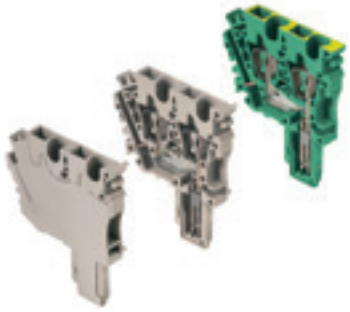
Note

Construction of plug:

1 start element	n-2 core element	1 end element
1007900000 BE	1007960000 BE	1007930000 BE
1007920000 GN	1007970000 BL	1007950000 GN
	1007980000 GN	



Single plates, plug ZP 2.5/2AN/QV



Ordering data

Type	Qty.	Order No.
ZP 2.5/2AN/QV	50	1007810000
ZP 2.5/2AN/QV ZA O.RA	50	1007870000
ZP 2.5/2AN/QV ZAO.RA BL	50	1007880000
ZP 2.5/2AN/QV GN	50	1007830000
ZP 2.5/2AN/QV ZA GN	50	1007860000

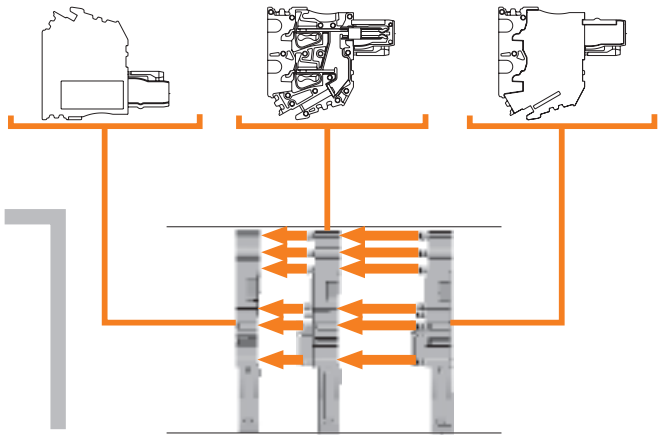
Note

Construction of plug:

1 start element
1007810000 BE
1007830000 GN

n-2 core element
1007870000 BE
1007880000 BL

1 end element
1007860000 GN



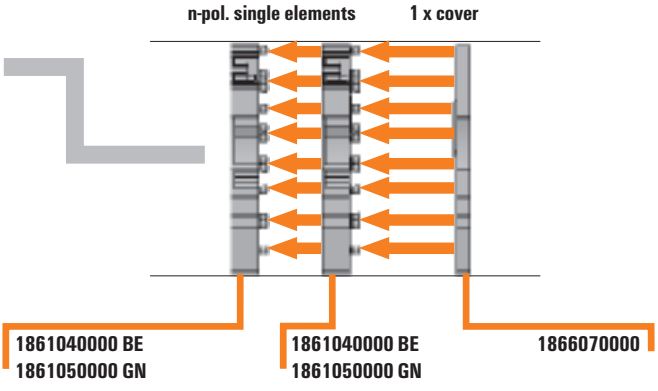
Single plates, coupling ZPS

Ordering data

Type	Qty.	Order No.
GHDE ZPS2.5/1AN	50	1866070000
ZPS 2.5/1AN/QV/1 GN	50	1861050000
ZPS 2.5/1AN/QV/1	50	1861040000

Note

Construction of coupling:



Single slice element plugged into start element

Plug accessories

WeiCoS 2.5 mm²

Locking element

alternative to side interlock

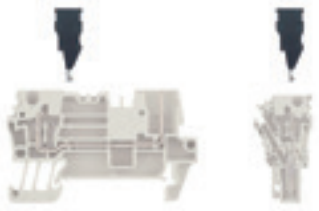
ZVR ZP 2.5

Ordering data	Type	Qty.	Order No.
	ZVR ZP2.5	25	1816130000

Test adapters

1 x 1827080000 and (n-1) x 1847600000 are required to form n-pole blocks

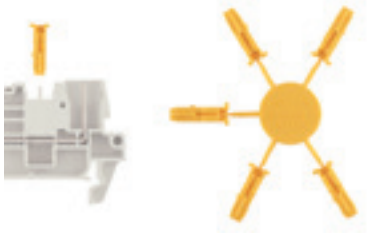
ZTA ZT 2.5



Ordering data	Type	Qty.	Order No.
	ZTA ZT2.5	25	1827080000
	ZTA ZT2.5/ZA	25	1847600000

Coding elements

KOSF ZT 2.5



Ordering data	Type	Qty.	Order No.
	KOSF ZT2.5	50	1816150000

Interlock

ZVR ZPS 2.5 in conjunction with the flying lead coupling

ZVR ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVR ZPS2.5	20	1878620000

Strain reliefs

ZZE ZP 2.5

Ordering data	Type	Qty.	Order No.
	ZZE ZP2.5	25	1816140000
	ZZE ZP2.5/4	25	1866220000
	ZZE ZP2.5/8	25	1866230000

Protective cover

ZAD ZT / ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZAD ZT/ZPS2.5	25	1861030000

Plug accessories

WeiCoS 4 mm²

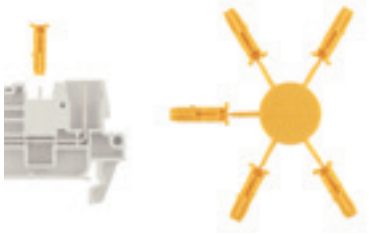
Locking element

ZVR ZP 4

Ordering data	Type	Qty.	Order No.
	ZVR ZP4	25	**1855250000**

Coding elements

KOSF ZT 4



Ordering data	Type	Qty.	Order No.
	KOSF ZT4	50	**1856860000**

Strain reliefs

ZZE ZP 4

Ordering data	Type	Qty.	Order No.
	ZZE ZP4	25	**1855260000**

Set of fixings – flying lead coupling

Flying lead coupling

ZVLA1 ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVLA1 ZPS2.5	20	1866250000

Central interlock

alternative to side interlock

ZVR ZP 2.5

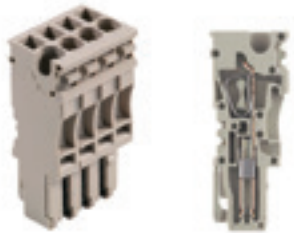
Ordering data	Type	Qty.	Order No.
	ZVR ZP2.5	25	1816130000

Strain relief

ZZE ZP 2.5 / 4 / 8

Ordering data	Type	Qty.	Order No.
	ZZE ZP2.5	25	1816140000
	ZZE ZP2.5/4	25	1866220000
	ZZE ZP2.5/8	25	1866230000

ZP 2.5/1AN/6



Ordering data	Type	Qty.	Order No.
	ZP 2.5/1AN/6	25	1815520000

Side interlock

ZVR ZPS 2.5 in conjunction with the flying lead coupling

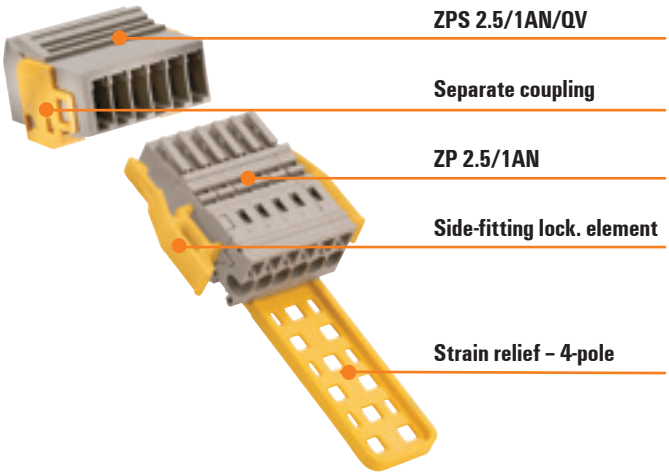
ZVR ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVR ZPS2.5	20	1878620000

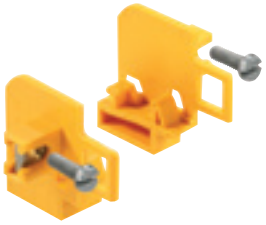
ZPS 2.5/1AN/QV 6

Ordering data	Type	Qty.	Order No.
	ZPS 2.5/1AN/QV/6	25	1865940000

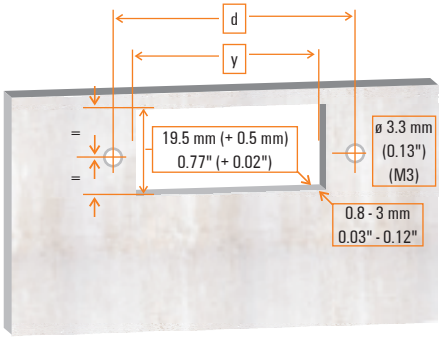
Mounting set – separate coupling



Screwed through-wall fixing



Type	Qty.	Order No.
ZVLA DF ZPS2.5	20	1878600000



y = n x 5.1 mm + 5.5 mm
d = n x 5.1 mm + 13.5 mm

y = n x 0.25" + 0.216"
d = n x 0.25" + 0.53"

Pluggable terminal blocks

Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

n-pol.	y		d	
	mm	inch(")	mm	inch(")
2-pol.	15.7	0.62	23.7	0.93
3-pol.	20.8	0.82	28.8	1.13
4-pol.	25.9	1.02	33.9	1.33
5-pol.	31.0	1.22	38.9	1.53
6-pol.	36.1	1.42	44.1	1.74
7-pol.	41.2	1.62	49.2	1.94
8-pol.	46.3	1.82	54.3	2.14
9-pol.	51.4	2.02	59.4	2.34
10-pol.	56.5	2.22	64.5	2.55
11-pol.	61.6	2.43	69.6	2.74
12-pol.	66.7	2.63	74.7	2.94
13-pol.	71.8	2.83	79.8	3.14
14-pol.	76.9	3.03	84.9	3.34
15-pol.	82.0	3.23	90.0	3.54
16-pol.	87.1	3.43	95.1	3.74

Set of fixings – coupling

Direct mounting, screwed

ZVLA SC ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVLA SC ZPS2.5	20	1866240000

Plug support prevents the cable from bending at the connection point

BA ZPS 2.5

Ordering data	Type	Qty.	Order No.
	BA ZPS2.5	25	1908550000

Direct mounting, plugged

ZVLA RC ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVLA RC ZPS2.5	20	1866260000

BA RC ZPS 2.5

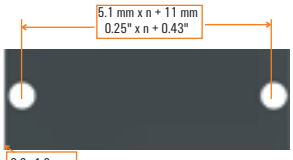
Ordering data	Type	Qty.	Order No.
	BA RC ZPS2.5	25	1908560000

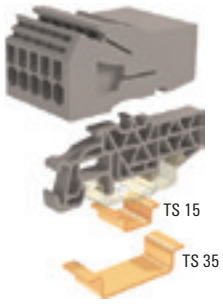
on terminal rail

MOFU 15/35 ZPS 2.5

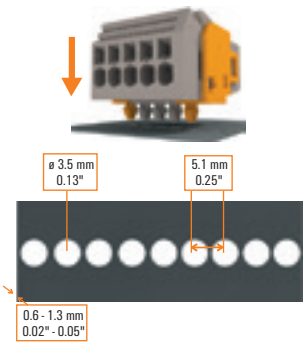
Ordering data	Type	Qty.	Order No.
	MOFU 15/35 ZPS2.5	25	1899170000

Direct mounting – screwed



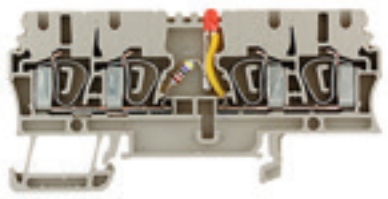


Direct mounting – clipped

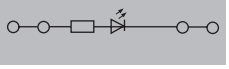


ZDU 2.5/2x2AN/LD+ — 2.5 mm²

LED indicator



Width/Height/Depth	5.1 x 79.5 x 38.5
max. current / max. cond. cross-section	/ 4
Max. clamping range	0.05...4



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	24			
Max. voltage of clamp support & pluggable system				
Rated current	0.05			
for wire cross-section	2.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE			

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded	0.5...4	
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5	
Stripping length / Blade size	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 2.5/2X2AN/LD+	20	1692590000
dark beige (red LED)			

Note

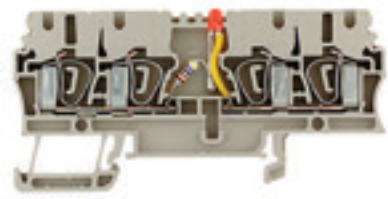
Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW 3		50	1608800000
Reducing sleeves				
For conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0		1000	1614290000
For conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS		1000	1614300000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

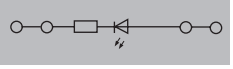
For detailed information on other accessories and application in the online catalogue

ZDU 2.5/2x2AN/LD- — 2.5 mm²

LED indicator



Width/Height/Depth	5.1 x 79.5 x 38.5
max. current / max. cond. cross-section	/ 4
Max. clamping range	0.05...4



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	24			
Max. voltage of clamp support & pluggable system				
Rated current	0.05			
for wire cross-section	2.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE			

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded	0.5...4	
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5	
Stripping length / Blade size	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 2.5/2X2AN/LD-	20	1692600000
dark beige (red LED)			

Note

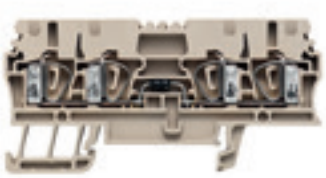
Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP/TW 3		50	1608800000
Reducing sleeves				
For conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0		1000	1614290000
For conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS		1000	1614300000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDU 2.5/2x2AN/D+ — 2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
/ 4
0.5...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
		6 kV / 3	
		A3 / V-0	

CE

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

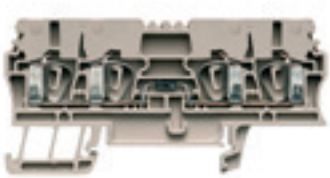
Type	Qty.	Order No.
ZDU 2.5/2X2AN/D+	20	**1650340000**

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A

Type	current	Qty.	Order No.
ZAP/TW 3		50	**1608800000**
ZRH 2.5/2 GR/VO		1000	**1614290000**
ZRH 2.5/1 WS		1000	**1614300000**
ZEW 35		20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZDU 2.5/2x2AN/D- — 2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
/ 4
0.5...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
		6 kV / 3	
		A3 / V-0	

CE

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

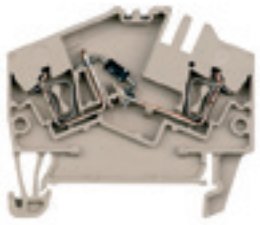
Type	Qty.	Order No.
ZDU 2.5/2X2AN/D-	20	**1650350000**

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A

Type	current	Qty.	Order No.
ZAP/TW 3		50	**1608800000**
ZRH 2.5/2 GR/VO		1000	**1614290000**
ZRH 2.5/1 WS		1000	**1614300000**
ZEW 35		20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

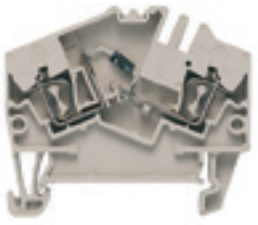
ZDU 2.5-2/D+ — 2.5 mm²

Diode circuit

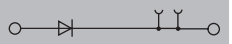


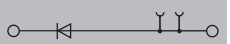
ZDU 2.5-2/D- — 2.5 mm²

Diode circuit



Width/Height/Depth	mm	5.1 x 50.5 x 43.5	5.1 x 50.5 x 43.5
max. current / max. cond. cross-section	-/mm²	/ 2.5	/ 2.5
Max. clamping range	mm²	0.05...2.5	0.05...2.5





Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	400	600	600	
Max. voltage of clamp support & pluggable system				
Rated current (A)	1	1	1	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE SEV BL KEMA VDE			

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded (mm²)	0.5...2.5	
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5	
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	400	600	600	
Max. voltage of clamp support & pluggable system				
Rated current (A)	1	1	1	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE SEV BL KEMA VDE			

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded (mm²)	0.5...2.5	
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5	
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 2.5-2/D+	20	1779110000
dark beige (red LED)			
orange			

Note

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A

Version	Type	Qty.	Order No.
dark beige	ZDU 2.5-2/D-	20	1779000000
dark beige (red LED)			
orange			

Note

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A

Accessories

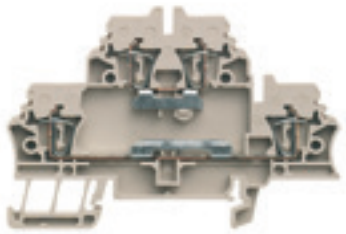
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
Blue				
dark beige	ZAP/TW7		50	1706110000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot				
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 14/5 MC NE WS		480	1768090000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
Blue				
dark beige	ZAP/TW7		50	1706110000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot				
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 14/5 MC NE WS		480	1768090000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

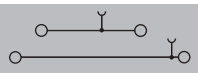
For detailed information on other accessories and application in the online catalogue

ZDK 2.5 EM — 2.5 mm²

Double-level terminal



5.1 x 79.5 x 53
20 / 2.5
0.05...2.5



Ex e IIII
2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	15	25	18
2.5	AWG 26...14	AWG 26...12	2.5 mm²
	6 kV / 3		
	A2 / V-0		

KEMA97ATEX4677U

Rated connection	Plug-in connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5 EM	50	1768800000
ZDK 2.5 OR	50	1694140000

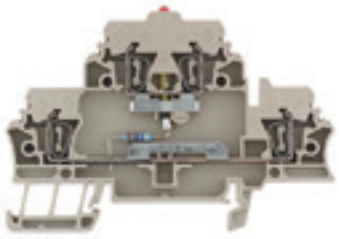
Empty electronics enclosure for do-it-yourself soldering of components.

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5 BL		20	1748800000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
ZTA 4		25	1688110000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

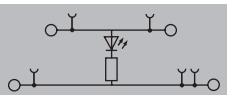
ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDK 2.5/LD RT/1 — 2.5 mm²

LED circuit



5.1 x 79.1 x 53
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5	AWG 26...14	AWG 26...12	
	/ 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

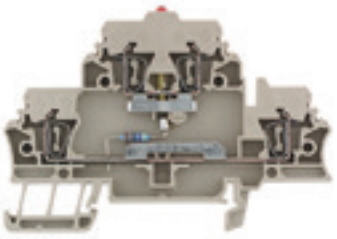
Type	Qty.	Order No.
ZDK 2.5/LD RT/1	50	1690010000

Voltage on the continuous busbar = 10 A

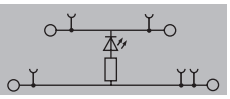
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5/LD RT/2 — 2.5 mm²

LED circuit



5.1 x 79.1 x 53
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5	AWG 26...14	AWG 26...12	
	/ 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

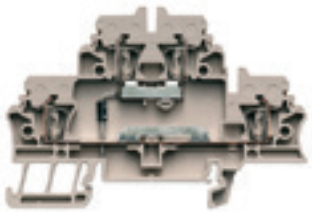
Type	Qty.	Order No.
ZDK 2.5/LD RT/2	50	1693940000

Voltage on the continuous busbar = 10 A

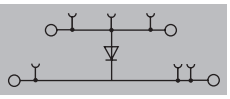
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5/D/1 — 2.5 mm²

Diode circuit



Width/Height/Depth	5.1 x 79.1 x 53
max. current / max. cond. cross-section	/ 2.5
Max. clamping range	0.05...2.5



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500	300	300	
Max. voltage of clamp support & pluggable system				
Rated current	10	15	10	
for wire cross-section	2.5	AWG 26...14	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded	0.5...2.5	
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5	
Stripping length / Blade size	4 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5/D/1	50	1690020000
dark beige (red LED)			
orange			

Note

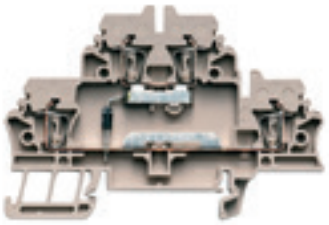
Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

Accessories

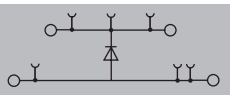
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
Blue				
dark beige	ZAP/TW ZDK2.5		20	1674730000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot				
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

ZDK 2.5/D/2 — 2.5 mm²

Diode circuit



Width/Height/Depth	5.1 x 79.1 x 53
max. current / max. cond. cross-section	/ 2.5
Max. clamping range	0.05...2.5



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500	300	300	
Max. voltage of clamp support & pluggable system				
Rated current	10	15	10	
for wire cross-section	2.5	AWG 26...14	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded	0.5...2.5	
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5	
Stripping length / Blade size	10 / 0.6 x 3.5 mm	

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5/D/2	50	1690030000
dark beige (red LED)			
orange			

Note

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

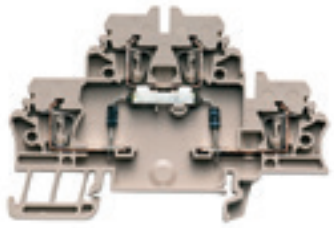
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
Blue				
dark beige	ZAP/TW ZDK2.5		20	1674730000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot				
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Reducing sleeves				
For conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
For conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

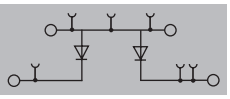
For detailed information on other accessories and application in the online catalogue

ZDK 2.5/D/4 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 53
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	15	10	
2.5	AWG 26...14	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

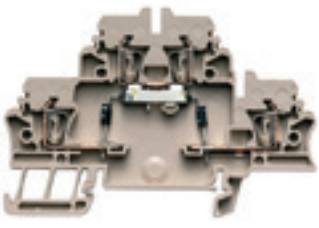
Type	Qty.	Order No.
ZDK 2.5/D/4	50	1690040000

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

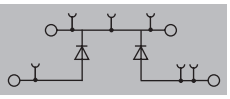
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5/D/5 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 53
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	15	10	
2.5	AWG 26...14	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

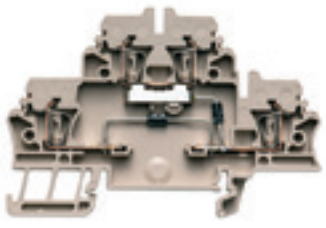
Type	Qty.	Order No.
ZDK 2.5/D/5	50	1690050000

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

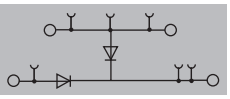
Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5/D/6 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 53
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	15	10	
2.5	AWG 26...14	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/D/6	50	1690060000

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SL 0.6X3.5X100		1	1274660000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

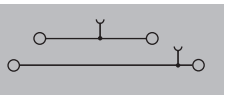
ZDK 4-2 EL — 4 mm²

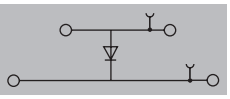
Double-level terminal

ZDK 4-2/D forward — 4 mm²

Diode circuit

Width/Height/Depth	mm	6.1 x 77.6 x 60	6.1 x 77.6 x 60
max. current / max. cond. cross-section	A/mm²	**32 / 6**	**/ 6**
Max. clamping range	mm²	**0.13...6**	**0.13...6**





Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600		
Max. voltage of clamp support & pluggable system -				
Rated current A	32	25		
for wire cross-section mm²	4	AWG 26...10		
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE, UL			
Clamped conductors (H05V/H07V)	**Rated connection**		**Plug-in connection**	
Solid / Stranded mm²	0.5...6			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	
Max. voltage of clamp support & pluggable system -				
Rated current A	1	1	1	
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE, CSA, UL			
Clamped conductors (H05V/H07V)	**Rated connection**		**Plug-in connection**	
Solid / Stranded mm²	0.5...6 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 4-2 EL	50	**8709760000**

Note

Type	Qty.	Order No.
ZDK 4-2/D forward	50	**8670520000**

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

Accessories

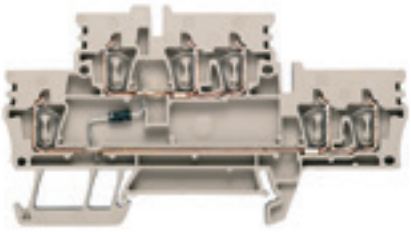
	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
Reducing sleeves				
For conductors < 1.0 mm² / AWG 18				
For conductors < 0.5 mm² / AWG 20				
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA		25	**1780660000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Identification systems				
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK4-2		50	**8670760000**
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	**1608950000**
ZQV 4/10 GE	32 A	20	**1609030000**
ZEW 35		20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/6 MC NE WS		1000	**1609820000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**
ZAP/TW ZDK4-2		50	**8670760000**

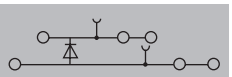
For detailed information on other accessories and application in the online catalogue

ZDK 2.5/3AN D2 — 4 mm²

Diode circuit



5.1 x 93 x 50.5
/ 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
1	20	24	
4	AWG 30...12	AWG 30...12	
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.21...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/3AN D2	50	**1924450000**

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

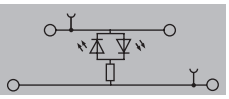
Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZRH 1.5H/2		1000	**1678800000**
ZRH 1.5H/1		1000	**1678810000**
ZEW 35/2		20	**8630740000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 M MC NE WS		720	**1792000000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
ZAP/TW ZDK 2.5/3AN		20	**1924910000**

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

ZDK 2.5-2/LD 24 V UC — 2.5 mm²

Diode circuit

5.1 x 72.5 x 53
10 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
	/ 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5-2/LD 24VUC	50	**1905310000**

Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZRH 1.5H/2		1000	**1678800000**
ZRH 1.5H/1		1000	**1678810000**
ZEW 35		20	**9540000000**
ZTA 4		25	**1688110000**
SDS 0.6X3.5X100		10	**9008330000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/15 MC NE WS		240	**1854090000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Cross-connections according to dimensions

ZQV 1.5

Technical data	
Current / Current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
32-pole	

17.5 / 17.5

Type	Qty.	Order No.
ZQV 1.5/2	60	1776120000
ZQV 1.5/3	60	1776130000
ZQV 1.5/4	60	1776140000
ZQV 1.5/5	20	1776150000
ZQV 1.5/10	20	1776200000

For terminal:

ZDU 1.5 ...
ZDK 1.5 ...
ZEI 6

ZQV 2.5

24 / 24

Type	Qty.	Order No.
ZQV 2.5/2	60	1608860000
ZQV 2.5/3	60	1608870000
ZQV 2.5/4	60	1608880000
ZQV 2.5/5	20	1608890000
ZQV 2.5/6	20	1608900000
ZQV 2.5/7	20	1608910000
ZQV 2.5/8	20	1608920000
ZQV 2.5/9	20	1608930000
ZQV 2.5/10	20	1608940000
ZQV 2.5/20	20	1908960000

For terminal:

ZDU 2.5 ...
ZDK 2.5 ...
ZTR 2.5 ...
ZDTR 2.5
ZTSI 2.5 ...
ZRV 2.5 ...
ZIA 2.5 ...
ZEI 16
ZDU 2.5-2 ...
ZDK 2.5-2
ZTR 2.5-2 ...
ZDLD 2.5-2 ...
ZDKPE 2.5-2
ZDU 2.5N ...
ZNT 2.5/3AN ...
ZEI 16-2/1 AN
ZDU 2.5 S
ZTN 2.5 S

ZQV 4

32 / 32

Type	Qty.	Order No.
ZQV 4/2 GE	60	1608950000
ZQV 4/3 GE	60	1608960000
ZQV 4/4 GE	60	1608970000
ZQV 4/5 GE	20	1608980000
ZQV 4/6 GE	20	1608990000
ZQV 4/7 GE	20	1609000000
ZQV 4/8 GE	20	1609010000
ZQV 4/9 GE	20	1609020000
ZQV 4/10 GE	20	1609030000
ZQV 4/20 GE	20	1909010000

For terminal:

ZDU 4 ...
ZDK 4/S ...
ZEI 16
ZDU 4-2 ...
ZDU 4 S
ZNT 4 S
ZEI 16-2/1 AN

Cross-connections according to dimensions

ZQV 35-10

Reducing cross-connection

Technical data	
Current / Current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
32-pole	

57 / 105

Type	Qty.	Order No.
ZQV 35-10	10	7920100000

For terminal:

ZDU 10 ...
ZPE 10 ...
ZDU 35
ZPE 35
ZDU 10 S
ZNT 10 S

ZQV 2.5N

24 / 24

Type	Qty.	Order No.
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/4 GE	60	1693820000
ZQV 2.5N/5 GE	20	1693830000
ZQV 2.5N/6 GE	20	1693840000
ZQV 2.5N/7 GE	20	1693850000
ZQV 2.5N/8 GE	20	1693860000
ZQV 2.5N/9 GE	20	1693870000
ZQV 2.5N/10 GE	20	1693880000

For terminal:

ZT 2.5 ...
ZDT 2.5 ...
ZP 2.5 ...
ZTTQ 2.5 ...
ZTC ...
ZDUA 2.5-2 ...
ZDUA 2.5-2N ...
ZDL 2.5 ...
ZDL 2.5 S

ZQB 2.5

24 / 24

Type	Qty.	Order No.
ZQB 2.5-2	50	1677120000

For terminal:

ZDUB 2.5-2/4 AN
ZDU 2.5-2/4 AN

The ZQB 2.5 cross-connector is used for connecting terminals without a separated cross-connection channel.
The ZBW tool is used for opening the terminal points. (order no. 1650670000)

ZQV 6

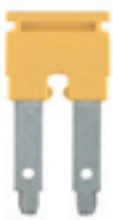
41 / 41

Type	Qty.	Order No.
ZQV 6/2 GE	60	**1627850000**
ZQV 6/3 GE	60	**1627860000**
ZQV 6/4 GE	60	**1627870000**
ZQV 6/24	10	**1908990000**

For terminal:

ZDU 6 ...	ZDU 6-2 ...
ZDK 6/S ...	ZDU 6 S
ZTL 6 ...	ZNT 6 S
ZEI 16 ZEI	ZEI 16-2/1 AN

ZQV 10/2



57 / 57*

Type	Qty.	Order No.
ZQV 10/2	25	**1739680000**

For terminal:

ZDU 10 ...	ZDU 10 S
ZDU 10 NT	ZNT 10 S

* Only with use of 2 dummy cables

ZQV 16/2

76 / 76*

Type	Qty.	Order No.
ZQV 16/2	25	**1739690000**

For terminal:

ZDU 16	ZDU 16 S
ZPE 16	ZPE 16 S
	ZNT 16 S

* Only with use of 2 dummy cables

ZQV 35/2

105 / 105

Type	Qty.	Order No.
ZQV 35/2	10	**1739700000**

For terminal:

ZDU 35
ZPE 35
ZNT 35/S

ZQS 2.5

/ 10

Type	Qty.	Order No.
ZQS 2.5/2	20	**1633200000**
ZQS 2.5/3	20	**1633210000**
ZQS 2.5/4	20	**1633220000**
ZQS 2.5/5	20	**1633230000**

For terminal:

ZSI 2.5/2 ...

ZVQ 2.5/1.5

/ 23

Type	Qty.	Order No.
ZVQ 2.5/1.5	50	**1720700000**

For terminal:

ZDK 2.5 ...	ZDLD 2.5-2 ...
ZDT 2.5/2	

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

		ZTA 1	ZTA 2	ZTA 3
		For terminal width 5.1 mm	For terminal width 6.1 mm	For terminal width 8.1 mm
Dimensions				
Width / Length / Height[1]	mm	5.1 / 31.5	6.1 / 31.5	8.1 / 31.5
Stripping length	mm	6	6	6
Rated data				
Rated voltage	V	250	250	250
Rated current	A	9	9	9
Rated cross-section	mm²	1.5	1.5	1.5
Clamped conductors (H05V/H07V)				
solid / stranded	mm²	0.5…1.5	0.5…1.5	0.5…1.5
flexible / Flexible with ferrule	mm²	0.5…1.5 / 0.5…1.5	0.5…1.5 / 0.5…1.5	0.5…1.5 / 0.5…1.5
Ordering data		**Type / Qty. / Order No.**	**Type / Qty. / Order No.**	**Type / Qty. / Order No.**
1-pole		ZTA 1 / 25 / **1609040000**	ZTA 2 ZDU4 / 25 / **1609060000**	ZTA 3 ZDU6 / 25 / **1654050000**
With snap-in pegs		ZTA 1/ZA / 25 / **1609050000**	ZTA 2/ZA ZDU4 / 25 / **1609070000**	
		For terminal:	**For terminal:**	**For terminal:**
		ZDU 2.5 … ZTR 2.5 … ZSI 2.5 … ZSI 2.5/2	ZDU 4 …	ZDU 6 …

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

		ZTA 6	ZTA 7	ZTA ZT2.5
		For terminal width 6.1 mm	For terminal width 8.1 mm	For terminal width 5.1 mm
Dimensions				
Width / Length / Height[1]	mm	6.1 / 31.5	8.1 / 31.5	5.1 / 20
Stripping length	mm	6	6	10
Rated data				
Rated voltage	V	250	250	250
Rated current	A	17.5	9	17.5
Rated cross-section	mm²	1.5	1.5	1.5
Clamped conductors (H05V/H07V)				
solid / stranded	mm²	0.5…1.5	0.5…1.5	0.5…1.5
flexible / Flexible with ferrule	mm²	0.5…1.5 / 0.5…1.5	0.5…1.5 / 0.5…1.5	0.5…1.5
Ordering data		**Type / Qty. / Order No.**	**Type / Qty. / Order No.**	**Type / Qty. / Order No.**
1-pole				ZTA ZT2.5 / 25 / **1827080000**
With snap-in pegs		ZTA 6/ZA / 25 / **1780660000**	ZTA 7/ZA / 25 / **1780670000**	ZTA ZT2.5/ZA / 25 / **1847600000**
		For terminal:	**For terminal:**	**For terminal:**
		ZDU 4-2 …	ZDU 6-2 …	ZT 2.5 …

Note: 1) The height is dependent on the terminal type

ZTA 4

For terminal width 5.1 mm

5.1 / 31	
10	
250	
11	
1.5	
0.5…1.5	
0.5…1.5 / 0.5…1.5	

Type	Qty.	Order No.
ZTA 4	25	1688110000

For terminal:
ZDK 2.5 …
ZTR 2.5/4 AN …

ZTA 5

For terminal width 3.5 mm

3.5 / 20	
10	
200	
13.5	
1	
0.5…1	
0.5…1 / 0.5…1	

Type	Qty.	Order No.
ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

For terminal:
ZDU 1.5 …
ZDK 1.5 …

ZTA ZVLD

For terminal width 5.1 mm

5.1 / 69	
6	
250	
6	
1.5	
0.5…1.5	

Type	Qty.	Order No.
ZTA ZVLD	25	1210390000
ZTA ZVLD/ZA	25	1271870000

For terminal:
ZVLD …

Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

Technical data	
Current / Current	-
Ordering data	
	Test plug

PS

Plug diameter 2.0 mm

Type	Qty.	Order No.
PS 2.0 OR	20	0293800000

For terminal:
ZDU/ZPE 2.5/…
ZDU/ZPE 4/…
ZDU/ZPE 6/3 AN
ZDU/ZPE 10/…
ZDU/ZPE 16/…
ZDU/ZPE 35
ZEI 16
ZTR 2.5/…
ZTR 2.5 …/D
ZDTR 2.5
ZTR 2.5/SI
ZDL 2.5/SI …
ZTTR 2.5/2AN/1

PS 2.3 RT

Plug diameter 2.3 mm

Type	Qty.	Order No.
PS 2.3 RT	20	0180400000

For terminal:
ZDU/ZPE 2.5/…
ZDU/ZPE 4/…
ZDU/ZPE 10/…
ZDU/ZPE 18/…
ZDU/ZPE 35
ZDU/ZPE 4-2
ZDU/ZPE 6-2
ZTR 2.5…
ZTR 2.5…/D
ZDTR 2.5
ZTR 2.5/SI
ZDL 2.5/SI…
ZTTR 2.5/2AN/1

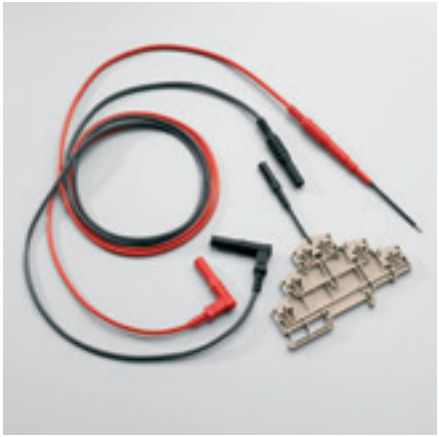
PS ZQV test probes

The PS ZQV test probes allow you to use only one product to test PUSH IN terminals.

PS ZQV

Test probes

- Safe and hand-free measuring of terminals
- Insert into the ZQV contact
- Very flexible silicone safety-measurement cables connect to any measurement instrument.



Technical data

	Test probes
DC voltage measuring range	1000 V
AC voltage measuring range	1000 V
Weight	
Note	

Ordering data

Version	Type	Qty.	Order No.
	**PS_ZQV_SET	1	**1116710000**
	*PS_ZQV	1	**1121740000**
Note	Included in delivery: * 2 test probes (red and black) ** 2 test probes (red and black), 2 silicone safety-measurement cables (1.2 m, red and black)		

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point.
Packaged in sets of 100 x 10-pole strips

Technical data
Product type
Ordering data
0.13…0.2 mm², white
0.25…0.5 mm², grey
0.75…1.0 mm², dark grey

ZRH 1.5 S

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5S/1	500	**1781950000**

For terminal:
ZDU 1.5/…
ZPE 1.5/…

ZRH 1.5 H

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5H/1	1000	**1678810000**
ZRH 1.5H/2	1000	**1678800000**

For terminal:
ZDK 2.5…
ZDK 2.5 PE
ZDTR 2.5
ZDLD 2.5-2…
ZDU 2.5-2/…
ZPE 2.5-2/…
ZTR 2.5-2…

ZRH 1.5 N

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5N/1	1000	**1632140000**
ZRH 1.5N/2	1000	**1632130000**

For terminal:
ZRV 1.5
ZRV 1.5 PEZVL 1.5
ZIA 1.5/3 L …
ZIA 1.5/4 L …

ZRH 2.5

Reducing sleeve

Type	Qty.	Order No.
ZRH 2.5/1 WS	1000	**1614300000**
ZRH 2.5/2 GR/VO	1000	**1614290000**
ZRH 2.5/3	1000	**1614280000**

For terminal:
ZDU 2.5/…
ZTR 2.5/…
ZPE 2.5/…

ZRH 4

Reducing sleeve

Type	Qty.	Order No.
ZRH 4/1 WS	1000	**1636640000**

For terminal:
ZDU 4/…
ZPE 4/…

Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

Technical data
Product type
Ordering data
One-sided, without peg
One-sided, with peg
Two-sided without pin
Two-sided, with pin

BZT 1/BZT 2

Marker holder

Type	Qty.	Order No.
BZT 1 WS 10/5	100	**1805490000**
BZT 1 ZA WS 10/5	100	**1805520000**
BZT 2 WS 10/5	100	**1805480000**
BZT 2 ZA WS 10/5	100	**1805530000**

For terminal:
ZDU 2.5/…
ZDU 4/…
ZDU 6/…
ZDU A 2.5/…

Additional connection

The contact element is placed in the cross-section channel and the latch clip in the screwdriver channel. It should then be pressed down until the end stop. The pitch spacing is 6 mm. Therefore only every other terminal can be occupied.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Rated impulse voltage	kV
Pollution severity	
Ordering data	
	With snap-in pegs

ZZA 2.5

6.1 / 21 / 23 (50)
400
17.5
2.5
6
3

Type	Qty.	Order No.
ZZA 2.5/ZA	50	**1649350000**
ZZA 2.5	50	**1646690000**

For terminal:
ZDU 2.5
ZDU 2.5/3 AN
ZDU 2.5/4 AN
ZTR 2.5
ZTR 2.5/3 AN

Component plug

The component plug is used for fitting electronic components.
If needed, the BZS 1 can be snapped on to the upper or lower cross-connection channel on the ZDK 2.5 tension-clamp terminals.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated voltage with LED	
Rated current	A
Rated current with LED	
Rated impulse voltage	kV
Pollution severity	
Ordering data	
	For holding 2 LEDs

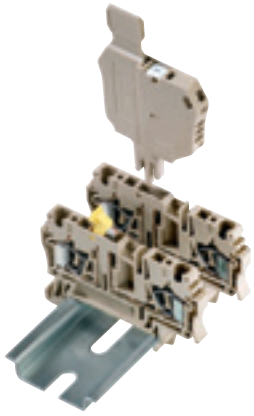
ZBS

10 / 22.3 / 48
250
30 V
6
1 A
4
3

Type	Qty.	Order No.
ZBS1 F.D SET	10	**1764550000**

For terminal:
ZDK 2.5

SIHA fuse holder



For 5 x 20 G-fuse cartridges
The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.
Simply remove the isolating lever and insert the fuse plug.

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)

- Even fits on 5 mm wide terminals when fitted in offset arrangement

- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20

1. Open fuse holder with fingers or screwdriver.

2. Press out old fuse.

3. Position new fuse.

4. Press fuse holder together again with fingers or screwdrive.

SIHA 3

	Qty.	Order No.
without LED		
SIHA3/G20		
400 V	1	**7921560000**
with LED (red)		
SIHA3/G20		
10 - 36 V	1	**7921570000**
35 - 70 V	1	**7921580000**
60 - 150 V	1	**7921590000**
140 - 250 V	1	**7921600000**
For test-disconnect terminals versions		
ZTR 2.5/4 AN		
ZTR 2.5...		
ZTR 2.5-2		

SIHA STRAP

	Qty.	Order No.
with strap		
SIHA STRAP		
	20	**9537680000**

Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either on the left or on the right

Reliability connects

Klippon® Connect sets standards with clamping yoke technology

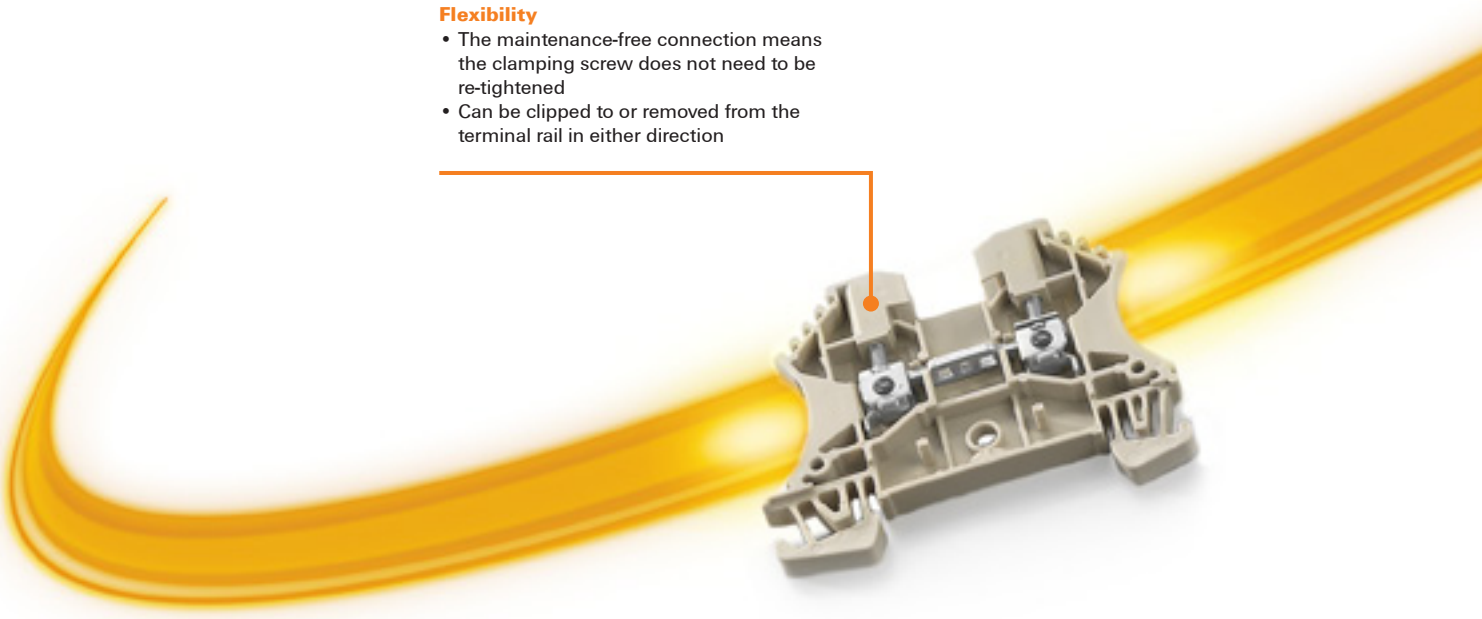
Whatever your requirements for the panel: our screw connection system with patented clamping yoke technology ensures the ultimate in contact safety. You can use both screw-in and plug-in cross-connections for potential distribution. Two conductors of the same diameter can also be connected in a single terminal point in accordance with UL1059. The screw connection has long been an established connection element to meet exacting demands in terms of reliability and functionality. And our W-Series is still setting standards.

Our promise

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

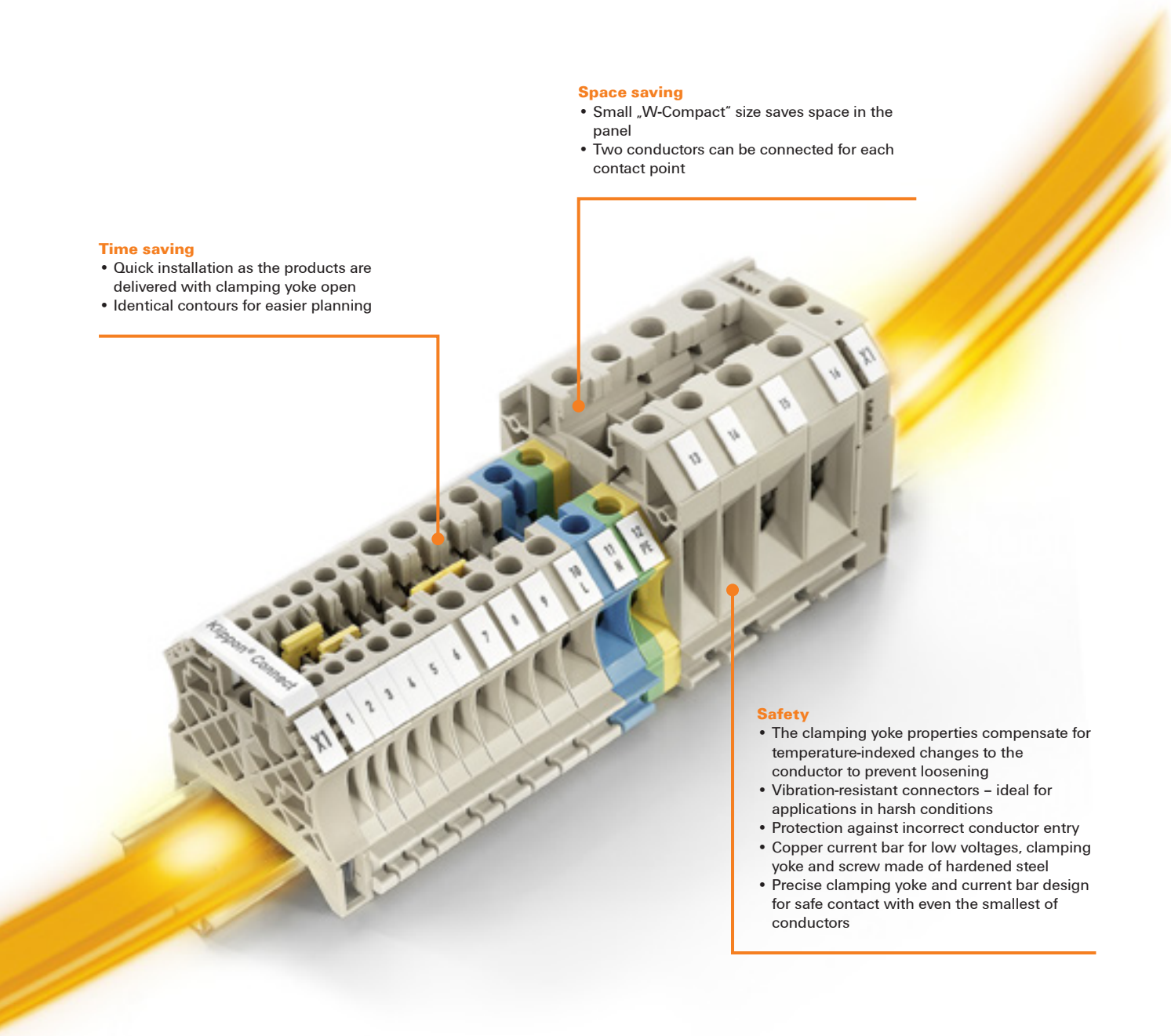
Flexibility

- The maintenance-free connection means the clamping screw does not need to be re-tightened
- Can be clipped to or removed from the terminal rail in either direction



Space saving
- Small „W-Compact“ size saves space in the panel
- Two conductors can be connected for each contact point

Time saving
- Quick installation as the products are delivered with clamping yoke open
- Identical contours for easier planning



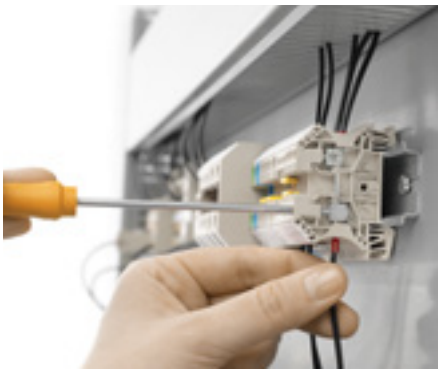
Safety
- The clamping yoke properties compensate for temperature-indexed changes to the conductor to prevent loosening
- Vibration-resistant connectors – ideal for applications in harsh conditions
- Protection against incorrect conductor entry
- Copper current bar for low voltages, clamping yoke and screw made of hardened steel
- Precise clamping yoke and current bar design for safe contact with even the smallest of conductors

Overview

You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

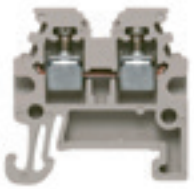
Universal application:
Numerous national and international approvals and qualifications in accordance with a variety of application standards make the W-series a universal connection solution, especially in harsh conditions.

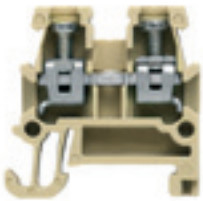
Varied product assortment with wide clamping range:
Our terminal blocks with clamping yoke technology are available in both standard and compact designs. The compact design covers wire cross-sections from 0.05 mm^2 to 150 mm^2 and helps save space in the panel. The standard version covers conductor cross sections of up to 240 mm^2. The identical contours of the terminal blocks make configuration easier and reduces the quantity of accessories required.



Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

		WDU 1.5/R 3.5	1.5 mm²	AKZ 1.5	1.5 mm²
		Feed-through terminal (V0)		Feed-through terminal	





		WDU 1.5/R 3.5	AKZ 1.5
Width/Height/Depth	mm	3.5 x 24.5 x 24	5.1 x 24.8 x 24
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**	**24 / 2.5**
Max. clamping range	mm²	**0.13...1.5**	**0.21...2.5**

Technical data

		WDU 1.5/R 3.5				AKZ 1.5			
		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1			II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	400	300	300	275	250	150	300	176
Rated current	A	17.5	15	10	14	17.5	15	10	15
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14	1.5 mm²	1.5	AWG 22...14	AWG 24...16	1.5 mm²
Rated impulse withstand voltage / Pollution severity		4 kV / 3				4 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0				A1 / V-2			
Approvals		KEMA99ATEX6545U				SIRA02ATEX3001U			
Clamped conductors (H05V/H07V)		**Rated connection**	**Further connection**			**Rated connection**	**Further connection**		
Solid / Stranded	mm²	0.5...1.5 / 1.5...1.5				0.5...2.5 / 1.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	2.5			0.5...1.5 / 0.5...1.5			
Tightening torque range (terminal screw)		0.3(M 2)				0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size	mm/-	7 / 0.4 x 2.5 mm				7 / 3.0 x 0.5 mm			
2 conductors with same cross-section (H05V/H07V)									
Solid / Stranded	mm²	0.5...0.75				0.5...1			
Flexible / Flexible with ferrule	mm²	0.5...0.75 / 0.5...0.5							
Note		PZ 6/5 recommended as crimping tool for 1.5 mm² with wire-end ferrule							

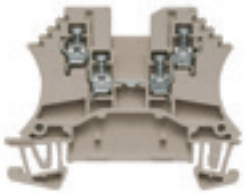
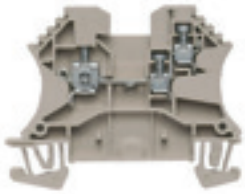
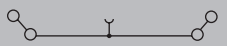
Ordering data

Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	WDU 1.5/R3.5	100	**1753280000**			
	beige				AKZ 1.5	100	**0340460000**
	blue	WDU 1.5/R3.5 BL	100	**1754170000**	AKZ 1.5 BL	100	**0340480000**
Note					AKZ 1.5 order No. 0340460000 and 0340480000 made of PA with flammability rating acc. to UL 94/V-2		

Accessories

Screwable cross-connection		**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
	2-pole					Q 2 AKZ1.5	24 A	50	**0368200000**
	10-pole					Q 10 AKZ1.5	24 A	20	**0368500000**
End plate / Partition plate									
	dark beige	WAP WDK1.5/R3.5		20	**1754200000**	AP AKZ1.5		50	**0340560000**
	Blue					AP AKZ1.5 BL		50	**0340580000**
End bracket									
	dark beige	EW 15		50	**0382860000**	EW 15		50	**0382860000**
Testing / Checking									
	Test plug					PS 2.3 RT		20	**0180400000**
	Socket					STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**
Identification systems									
		DEK 5/3.5 MC NE WS		500	**1755270000**	DEK 5/5 MC NE WS		1000	**1609801044**
		DEK 5/3.5 MM WS		1000	**2007100000**				
		WS 8/3.5 MM WS		1000	**2007140000**				
Pluggable cross-connection									
	2-pole	ZQV 1.5N/R3.5/2 GE	17.5 A	50	**1754210000**				
	10-pole	ZQV 1.5N/R3.5/10 GE	17.5 A	20	**1754290000**				

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories“.	Cross-connections, see section „W series accessories“.

	WDU 1.5/ZZ	WDU 2.5/1.5/ZR
	1.5 mm²	2.5 mm²
	Twin connection	Supplementary connection, right
		
Width/Height/Depth mm	5.1 x 60 x 46.5	5.1 x 60 x 46.5
max. current / max. cond. cross-section A/mm²	23 / 2.5	32 / 4
Max. clamping range mm²	0.13...2.5	0.05...4
		

Technical data

	WDU 1.5/ZZ	WDU 2.5/1.5/ZR
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex e II II 2 G D	Ex e II II 2 G D
for wire cross-section mm²	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
	800 / 300 / 300 / 550	800 / 300 / 300 / 550
	17.5 / 25 / 10 / 15	24 / 20 / 20 / 21
	1.5 / AWG 26...12 / AWG 26...12 / 1.5 mm²	2.5 / AWG 30...12 / AWG 26...14 / 2.5 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A3, A1 / V-0
Approvals	KEMA98ATEX1685U	KEMA98ATEX1685U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size mm/-	7 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²	0.5...1	0.5...1
Flexible / Flexible with ferrule mm²	0.5...1 / 0.5...0.75	0.5...1.5 / 0.5...1.5
Note	Note the max. current of the terminal (23 A) when using the WQV cross-connector!	2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

	WDU 1.5/ZZ	WDU 2.5/1.5/ZR
Rated connection	**Further connection**	**Further connection**
0.5...2.5 / 0.5...2.5		0.5...2.5 / 0.5...2.5
0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5
0.4...0.6 Nm (M 2.5)		
7 / 0.6 x 3.5 mm		7 / SD 0.6 x 3.5

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 1.5/ZZ	100	1031400000
blue	WDU 1.5/ZZ BL	100	1031480000

Type	Qty.	Order No.
WDU 2.5/1.5/ZR	100	1024700000
WDU 2.5/1.5/ZR BL	100	1024780000

Note: The rated voltage is 400 V when using the ZQV cross-connector, additional connection (right 1.5 mm²)

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
Blue	WAP 2.5-10 BL		50	1050080000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket				
dark beige	WEW 35/2		100	1061200000
Testing / Checking				
Standard	WTA 2 WDU2.5-10		25	1632320000
With spigot	WTA 2/ZA WDU2.5-10		25	1632330000
Cover				
With lightning flash symbol	WAD 4 GE BED		50	1072000000
Blank, white	WAD 4 WS		50	1072100000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

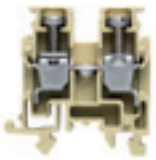
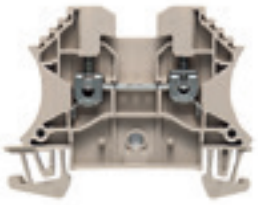
Pluggable cross-connection	Type	current	Qty.	Order No.
	ZQV 2.5N/2	24 A	60	1527540000
	ZQV 2.5N/10	24 A	20	1527690000
	WQV 2.5/2	32 A	50	1053660000
	WQV 2.5/10	32 A	20	1054460000
	WAP 2.5-10		50	1050000000
	WAP 2.5-10 BL		50	1050080000
	WAP 16+35 WTW 2.5-10		20	1050100000
	WAP 16+35 WTW 2.5-10 BL		20	1050180000
	WEW 35/2		100	1061200000
	WTA 2 WDU2.5-10		25	1632320000
	WTA 2/ZA WDU2.5-10		25	1632330000
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

Cross-connections, socket and test plug, see section „W series accessories".

Note: Use a 2.5 / 1 mm² conductor with the WQB. Cross-connections, see section „W series accessories".

Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

	AKZ 2.5	WDU 2.5
	2.5 mm²	2.5 mm²
	Feed-through terminal	
		
Width/Height/Depth mm	5.1 x 25.5 x 26.3	5.1 x 60 x 46.5
max. current / max. cond. cross-section A/mm²	**32 / 4**	**32 / 4**
Max. clamping range mm²	**0.13...4**	**0.05...4**

Technical data

	AKZ 2.5	WDU 2.5
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex e II II 2 G D	
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

IEC	UL	CSA	EN 60079-7
250	300	300	176
24	10	10	21
2.5	AWG 26...12	AWG 26...10	2.5 mm²
4 kV / 3			
A3 / V-2			

	AKZ 2.5	WDU 2.5
	SIRA02ATEX3001U	KEMA98ATEX1683U

Rated connection	Further connection
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
7 / 3.0 x 0.5 mm	
0.5...1.5	

IEC	UL	CSA	EN 60079-7
800	600	600	690
24	25	20	21
2.5	AWG 30...12	AWG 26...12	2.5 mm²
8 kV / 3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Note	
	2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

Ordering data

Version	Type	Qty.	Order No.
dark beige			
beige	AKZ 2.5	100	**0697160000**
blue	AKZ 2.5 BL	100	**0697180000**
Note	AKZ 2.5 order No. 0697160000 and 0697180000 made of PA with flammability rating acc. to UL 94/V-2		

Type	Qty.	Order No.
WDU 2.5	100	**1020000000**
WDU 2.5 BL	100	**1020080000**
Rated voltage is 400 V when using the cross-connector. For colour versions, see section on W-series Accessories		

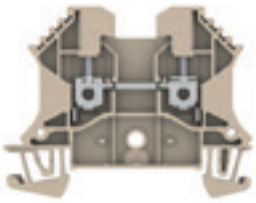
Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole				
10-pole				
Screwable cross-connection				
2-pole	Q 2 AKZ1.5	24 A	50	**0368200000**
10-pole	Q 10 AKZ1.5	24 A	20	**0368500000**
End plate / Partition plate				
dark beige	AP AKZ2.5		50	**0697360000**
Blue	AP AKZ2.5 BL		50	**0697380000**
dark beige	TW AKZ2.5		20	**0318560000**
Blue				
End bracket				
dark beige	EW 15		50	**0382860000**
Testing / Checking				
Standard				
With spigot				
Test plug	PS 2.3 RT		20	**0180400000**
Socket	STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**
Cover				
Blank, yellow				
Blank, white				
With lightning flash symbol				
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/2		100	**1061200000**
WTA 2 WDU2.5-10		25	**1632320000**
WTA 2/ZA WDU2.5-10		25	**1632330000**
WAD 5 MC NE GE		48	**1112920000**
WAD 5 MC NE WS		48	**1112910000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Ensure 2.5 mm² max. when using the WQB. Only 400 V with the use of shield bus LS 2.8 1056400000 .

WDU 2.5 HV — 2.5 mm²



5.1 x 60 x 46.5
32 / 4
0.05...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

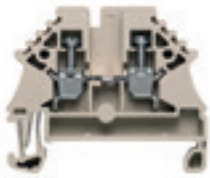
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 2.5 HV	100	**1412950000**

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/2		100	**1061200000**
WTA 2 WDU2.5-10		25	**1632320000**
WTA 2/ZA WDU2.5-10		25	**1632330000**
WAD 5 MC NE GE		48	**1112920000**
WAD 5 MC NE WS		48	**1112910000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

WDU 2.5N — 2.5 mm²

With screwable cross-connection
Compact design



5.1 x 44 x 37
32 / 4
0.05...4

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
24	20	20	21
2.5	AWG 22...12	AWG 26...12	2.5 mm²
	6 kV / 3		
	A3 / V-0		

KEMA98ATEX1683U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WDU 2.5N	100	**1023700000**
WDU 2.5N BL	100	**1023780000**

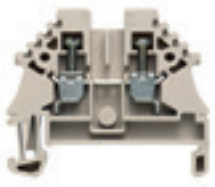
Colour variants listed under the W-Series accessories section, „Specific functions".

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDU2.5N/4N		50	**1060000000**
WAP WDU2.5N/4N BL		50	**1060080000**
EW 35		50	**0383560000**
WTA 1 WDU1.5		25	**1632290000**
WTA 1/ZA WDU1.5		25	**1632300000**
WAD 4 WS		50	**1072100000**
WAD 4 GE BED		50	**1072000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Socket and test plug, see section „W-Series accessories".

WDU 2.5N/ZQV — 2.5 mm²

With pluggable cross-connection
Compact design



5.1 x 44 x 37
32 / 4
0.05...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		300	
24		25	
2.5		AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WDU 2.5N ZQV	100	**1040800000**
WDU 2.5N ZQV BL	100	**1040880000**

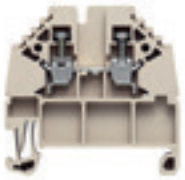
Rated voltage is 400 V when using the ZQV cross-connector.

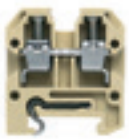
Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WAP WDU2.5N/4N		50	**1060000000**
WAP WDU2.5N/4N BL		50	**1060080000**
EW 35		50	**0383560000**
WTA 1 WDU1.5		25	**1632290000**
WTA 1/ZA WDU1.5		25	**1632300000**
WAD 4 WS		50	**1072100000**
WAD 4 GE BED		50	**1072000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Cross-connections, see section „W series accessories".

Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

		WDU 2.5N/600 UL	2.5 mm²	AKZ 4	4 mm²
		600 V UL/CSA Compact design		Solid / stranded Flexible / flexible with wire-end ferrule	





		WDU 2.5N/600 UL	AKZ 4
Width/Height/Depth	mm	5.1 x 44 x 42.7	6.1 x 27 x 29
max. current / max. cond. cross-section	A/mm²	**32 / 4**	**41 / 6**
Max. clamping range	mm²	**0.05...4**	**0.13...6**

Technical data

		WDU 2.5N/600 UL				AKZ 4			
		IEC 60947-7-1				IEC 60947-7-1		Ex e II	II 2 G D
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	800	600	600		400	300	300	275
Rated current	A	24	25	20		32	27	10	28
for wire cross-section	mm²	2.5	AWG 22...12	AWG 26...12		4	AWG 26...12	AWG 24...12	4 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0				A3 / V-2			
Approvals		CE CSA UL				CE CSA KEMA UL			SIRA02ATEX3001U
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded	mm²	0.5...4 / 1.5...4				0.5...6 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)				0.6...0.8 Nm (M 3)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)									
Solid / Stranded	mm²	0.5...1.5				0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5							
Note		2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).							

Ordering data

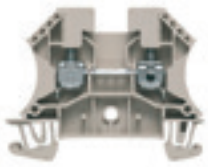
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	WDU 2.5N/600UL	100	**1730940000**			
	beige				AKZ 4	100	**0294360000**
	blue				AKZ 4 BL	100	**0294380000**
Note					AKZ 4 order No. 0294360000 and 0294380000 made of PA with flammability rating acc. to UL 94/V-2		

Accessories

Pluggable cross-connection		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
	2-pole								
	10-pole								
Screwable cross-connection									
	2-pole	WQV 2.5/2	32 A	50	**1053660000**	Q 2 AKZ4	32 A	50	**0336400000**
	10-pole	WQV 2.5/10	32 A	20	**1054460000**	Q 10 AKZ4	32 A	20	**0368600000**
End plate / Partition plate									
	dark beige	WAP WDU2.5N/4N		50	**1060000000**	AP AKZ4		20	**0294460000**
	Blue	WAP WDU2.5N/4N BL		50	**1060080000**	AP AKZ4 BL		20	**0294480000**
	dark beige					TW AKZ4		50	**0348260000**
	Blue								
End bracket									
	dark beige	WEW 35/2		100	**1061200000**	EW 15		50	**0382860000**
Testing / Checking									
	Standard	WTA 1 WDU1.5		25	**1632290000**				
	With spigot	WTA 1/ZA WDU1.5		25	**1632300000**				
	Test plug					PS 2.3 RT		20	**0180400000**
	Socket					STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**
Cover									
	Blank, white	WAD 4 WS		50	**1072100000**				
	Blank, yellow								
	With lightning flash symbol	WAD 4 GE BED		50	**1072000000**				
Identification systems									
		WS 12/5 MC NE WS		720	**1609860000**				
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/6 MC NE WS		1000	**1609820000**
		WS 8/5 MM WS		800	**2007150000**				
		DEK 5/5 MM WS		800	**2007110000**				
For detailed information on other accessories and application in the online catalogue		Socket and test plug, see section „W-Series accessories".				Cross-connections, see section „W series accessories".			

WDU 4 — 4 mm²

Solid / stranded
Flexible / flexible with wire-end ferrule



6.1 x 60 x 46.5
41 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	35	35	28
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A4 / V-0		

KEMA98ATEX1683U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	

Rated voltage is 400 V when using the ZQV cross-connector.
Note max. current of terminal (41 A) when using WQV!

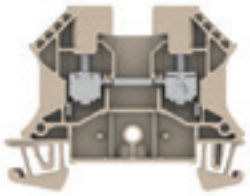
Type	Qty.	Order No.
WDU 4	100	**1020100000**
WDU 4 BL	100	**1020180000**

1000 VDC rated voltage tested. Rated voltage is 400 V when using the cross-connector. For alternative colours, see section on W-series accessories

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WQV 4/2	32 A	50	**1051960000**
WQV 4/10	41 A	20	**1052060000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/2		100	**1061200000**
WTA 3 WDU4		25	**1632350000**
WTA 3/ZA WDU4		25	**1632360000**
WAD 5 MC NE WS		48	**1112910000**
WAD 5 MC NE GE		48	**1112920000**
WS 12/6 MC NE WS		600	**1609900000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**

Socket and test plug, see section „W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.

WDU 4 HV — 4 mm²



6.1 x 60 x 46.5
41 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4			
	8 kV / 3		
	A4 / V-0		

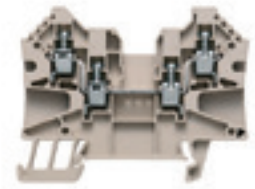
Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4 HV	100	**1412960000**

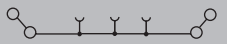
Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WQV 4/2	32 A	50	**1051960000**
WQV 4/10	41 A	20	**1052060000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/2		100	**1061200000**
WTA 3 WDU4		25	**1632350000**
WTA 3/ZA WDU4		25	**1632360000**
WAD 5 MC NE WS		48	**1112910000**
WAD 5 MC NE GE		48	**1112920000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**

WDU 4/ZZ — 4 mm²

Twin connection



6.1 x 70 x 53
32 / 6
0.05...6



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	30	30	29.5
4	AWG 30...10	AWG 30...10	4 mm²
	8 kV / 3		
	A4 / V-0		

KEMA08ATEX0014U

Rated connection	Further connection
0.5...6	
0.5...4 / 0.5...4	
0.5...0.8 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

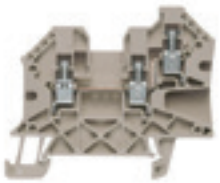
Type	Qty.	Order No.
WDU 4/ZZ	50	**1905060000**
WDU 4/ZZ BL	50	**1114720000**

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WAP WDU/WTR4/ZZ		50	**1905150000**
WEW 35/2		100	**1061200000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 MM WS		600	**2007120000**

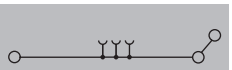
Cross-connections, see section „W series accessories".

WDU 4/ZR — 4 mm²

Supplementary connection, right



Width/Height/Depth	6.1 x 63.5 x 53 mm
max. current / max. cond. cross-section	32 / 6 A/mm²
Max. clamping range	0.05...6 mm²



Technical data

Rated data				
	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	690
Rated current A	32	30	30	30.5
for wire cross-section mm²	4	AWG 30...10	AWG 30...10	4 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0	
Approvals				KEMA08ATEX0014U

Clamped conductors (H05V/H07V)	Rated connection	Further connection
Solid / Stranded mm²	0.5...6	0.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Tightening torque range (terminal screw)	0.5...0.8 Nm (M 3)	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5	
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 4/ZR	50	1905140000
blue			

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate / Partition plate				
dark beige	WAP WDU/WTR4/ZR		50	1905070000
Blue				
End bracket				
dark beige	WEW 35/2		100	1061200000
Testing / Checking				
Standard				
With spigot				
Cover				
With lightning flash symbol				
Blank, white				
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 12/6 MC NE WS		600	1609900000
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section „W series accessories".

WDU 4N — 4 mm²

Compact design

Width/Height/Depth	6.1 x 44 x 37.7 mm
max. current / max. cond. cross-section	39 / 6 A/mm²
Max. clamping range	0.13...6 mm²

Technical data

Rated data				
	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300		440
Rated current A	32	10		
for wire cross-section mm²	4	AWG 26...10		4 mm²
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0	
Approvals				TÜV04ATEX2630U

Clamped conductors (H05V/H07V)	Rated connection	Further connection
Solid / Stranded mm²	0.5...6 / 1.5...6	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	
Tightening torque range (terminal screw)	0.5...1 Nm (M 3)	
Stripping length / Blade size mm/-	11 / 0.6 x 3.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5	
Flexible / Flexible with ferrule mm²		

Note

Ordering data

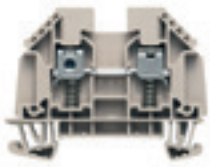
Type	Qty.	Order No.
WDU 4N	100	1042600000
WDU 4N BL	100	1042680000

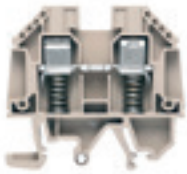
Accessories

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDU2.5N/4N		50	1060000000
WAP WDU2.5N/4N BL		50	1060080000
WEW 35/2		100	1061200000
WTA 1 WDU1.5		25	1632290000
WTA 1/ZA WDU1.5		25	1632300000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000

Cross-connections, see section „W series accessories".

	WDU 4 SL	4 mm²	WDU 4 SL/EN	4 mm²





Width/Height/Depth	mm	6.1 x 60 x 46.5
max. current / max. cond. cross-section	A/mm²	**41 / 6**
Max. clamping range	mm²	**0.22...6**

Width/Height/Depth	mm	6.1 x 60 x 51.5
max. current / max. cond. cross-section	A/mm²	**41 / 6**
Max. clamping range	mm²	**0.22...6**

Technical data

Rated data					
Rated voltage	V	IEC 60947-7-1		Ex e II	II 2 G D
Rated current	A	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section	mm²	630	600	300	275
Rated impulse withstand voltage / Pollution severity		32	30	25	28
Gauge to IEC 60947-1 / UL 94 flammability rating		4	AWG 22...10	AWG 22...10	4 mm²
Approvals			6 kV / 2		
			A4 / V-0		
					SIRA02ATEX3242U
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**	
Solid / Stranded	mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)			
Stripping length / Blade size	mm/-	15 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)					
Solid / Stranded	mm²	0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Note		Note the max. current of the terminal (41 A) when using the cross-connector!			

Rated data		
Rated voltage	V	IEC 60947-7-1 Ex e II II 2 G D
Rated current	A	**IEC** / **UL** / **CSA** / **EN 60079-7**
for wire cross-section	mm²	630 / 600 / 300 / 275
Rated impulse withstand voltage / Pollution severity		32 / 30 / 25 / 28
Gauge to IEC 60947-1 / UL 94 flammability rating		4 / AWG 22...10 / AWG 22...10 / 4 mm²
Approvals		6 kV / 2
		A4 / V-0
		SIRA02ATEX3242U
Clamped conductors (H05V/H07V)		**Rated connection** / **Further connection**
Solid / Stranded	mm²	0.5...6 / 1.5...6
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)
Stripping length / Blade size	mm/-	15 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded	mm²	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5
Note		Note the max. current of the terminal (41 A) when using the cross-connector!

Ordering data

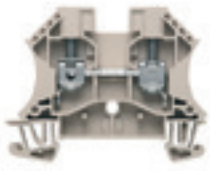
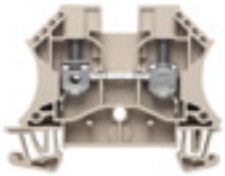
Version		**Type**	**Qty.**	**Order No.**
	dark beige	WDU 4 SL	50	**9537440000**
	dark beige			
	blue	WDU 4 SL BL	50	**9203060000**
Note		With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Version		**Type**	**Qty.**	**Order No.**
	dark beige	WDU 4 SL/EN	50	**9537450000**
	dark beige			
	blue			
Note		With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Accessories

Screwable cross-connection		**Type**	**current**	**Qty.**	**Order No.**
	2-pole	WQV 4/2	32 A	50	**1051960000**
	10-pole	WQV 4/10	41 A	20	**1052060000**
End plate / Partition plate					
	dark beige	WAP 2.5-10		50	**1050000000**
	Blue				
	dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
	Blue				
End bracket					
	dark beige	WEW 35/2		100	**1061200000**
Testing / Checking					
	Standard	WTA 3 WDU4		25	**1632350000**
Cover					
	Blank, yellow				
	Blank, white				
Identification systems					
		WS 12/6 MC NE WS		600	**1609900000**
Pluggable cross-connection					
	2-pole	ZQV 4N/2	32 A	60	**1527930000**
	10-pole	ZQV 4N/10	32 A	20	**1528090000**
Hak. Cable lugs					
		HBT 1,5 - 3,0 RT		100	**1312440000**
		HBT 2,5 - 3,0 BL		100	**1312450000**
For detailed information on other accessories and application in the online catalogue		Cross-connections, see section „W series accessories".			

Screwable cross-connection		**Type**	**current**	**Qty.**	**Order No.**
	2-pole	WQV 4/2	32 A	50	**1051960000**
	10-pole	WQV 4/10	41 A	20	**1052060000**
End plate / Partition plate					
	dark beige	WAP 2.5-10		50	**1050000000**
	Blue				
	dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
	Blue				
End bracket					
	dark beige	WEW 35/2		100	**1061200000**
Testing / Checking					
	Standard	WTA 3 WDU4		25	**1632350000**
Cover					
	Blank, yellow				
	Blank, white				
Identification systems					
		WS 12/6 MC NE WS		600	**1609900000**
Pluggable cross-connection					
	2-pole	ZQV 4N/2	32 A	60	**1527930000**
	10-pole	ZQV 4N/10	32 A	20	**1528090000**
Hak. Cable lugs					
		HBT 1,5 - 3,0 RT		100	**1312440000**
		HBT 2,5 - 3,0 BL		100	**1312450000**
For detailed information on other accessories and application in the online catalogue		Cross-connections, socket and test plug, see section „W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.			

	WDU 6	6 mm²	WDU 6 HV	6 mm²
				
Width/Height/Depth mm	7.9 x 60 x 46.5		7.9 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**57 / 10**		**57 / 10**	
Max. clamping range mm²	**0.22...10**		**0.22...10**	

Technical data

	WDU 6				WDU 6 HV			
Rated data								
Rated voltage V	IEC 60947-7-1				IEC 60947-7-1			
Rated current A	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	800	600	600	690	1000			
Rated impulse withstand voltage / Pollution severity	41	50	50	36	41			
Gauge to IEC 60947-1 / UL 94 flammability rating	6	AWG 22...8	AWG 22...8	6 mm²	6			
Approvals			8 kV / 3				8 kV / 3	
			A5 / V-0				A5 / V-0	
	CE GL BL EAC KEMA IMQ N UL KEMA98ATEX1683U							
Clamped conductors (H05V/H07V)	**Rated connection**	**Further connection**			**Rated connection**	**Further connection**		
Solid / Stranded mm²	0.5...10 / 1.5...10				0.5...10 / 1.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6				0.5...10 / 0.5...6			
Tightening torque range (terminal screw)	0.8...1.6 Nm (M 3.5)				0.8...1.6 Nm (M 3.5)			
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm				12 / 0.8 x 4.0 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded mm²	0.5...2.5							
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Note	Note max. current of terminal (57 A) when using WQV! Wire connection H07V-..10 and AWG 8 with tightening torque of 1.4-1.6 Nm.							

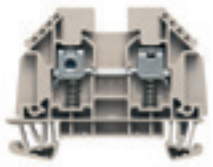
Ordering data

Version	WDU 6 Type	Qty.	Order No.	WDU 6 HV Type	Qty.	Order No.
dark beige	WDU 6	100	**1020200000**	WDU 6 HV	100	**1412970000**
dark beige				WDU 6 IR	100	**1393350000**
blue	WDU 6 BL	100	**1020280000**			
Note	1000 VDC rated voltage tested. For colour versions, see section on W-series Accessories - specific functions.					

Accessories

	WDU 6 Type	current	Qty.	Order No.	WDU 6 HV Type	current	Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 6/2	57 A	50	**1052360000**	WQV 6/2	57 A	50	**1052360000**
10-pole	WQV 6/10	57 A	20	**1052260000**	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate								
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
Blue	WAP 2.5-10 BL		50	**1050080000**	WAP 2.5-10 BL		50	**1050080000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket								
dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Testing / Checking								
Standard	WTA 3 WDU4		25	**1632350000**	WTA 3 WDU4		25	**1632350000**
Cover								
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Identification systems								
	DEK 5/8 MC NE WS		800	**1856740000**	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/8 PLUS MC NE WS		420	**1906000000**
	WS 8/8 MM WS		500	**2007170000**	WS 8/8 MM WS		500	**2007170000**
	DEK 5/8 MM WS		500	**2007130000**	DEK 5/8 MM WS		500	**2007130000**
Pluggable cross-connection								
2-pole								
10-pole								
Hak. Cable lugs								
For detailed information on other accessories and application in the online catalogue	Cross-connections, socket and test plug, see section „W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.							

WDU 6 SL — 6 mm²



7.9 x 60 x 46.5
57 / 6
0.5...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
630	150	300	275
41	50	45	36
6	AWG 20...8	AWG 20...8	6 mm²
	6 kV / 2		
	A5 / V-0		

SIRA02ATEX3242U

Rated connection	Further connection
0.5...6 6	
0.5...6	
0.8...1.6 Nm (M 3.5)	
16 / 0.8 x 4.0 mm	
0.5	

ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connector!

Type	Qty.	Order No.
WDU 6 SL	50	**9537460000**

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	**1052360000**
WQV 6/10	57 A	20	**1052260000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		100	**1061200000**
WTA 5/1		25	**1051260000**
DEK 5/8 MC NE WS		800	**1856740000**
WS 12/6.5 MC NE WS		540	**1609920000**
WS 8/8 MM WS		500	**2007170000**
DEK 5/8 MM WS		500	**2007130000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**

Cross-connections, see section „W series accessories".

WDU 6 SL/EN — 6 mm²

7.9 x 60 x 51.1
57 / 6
0.5...6

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
630	150	300	275
41	50	45	36
6	AWG 20...8	AWG 20...8	6 mm²
	6 kV / 2		
	A5 / V-0		

SIRA02ATEX3242U

Rated connection	Further connection
0.5...6 6	
0.5...6	
0.8...1.6 Nm (M 3.5)	
16 / 0.8 x 4.0 mm	
0.5	

ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connector!

Type	Qty.	Order No.
WDU 6 SL/EN	50	**9537470000**

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	**1052360000**
WQV 6/10	57 A	20	**1052260000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		100	**1061200000**
WTA 5/1		25	**1051260000**
DEK 5/8 MC NE WS		800	**1856740000**
WS 12/6.5 MC NE WS		540	**1609920000**
WS 8/8 MM WS		500	**2007170000**
DEK 5/8 MM WS		500	**2007130000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**

Cross-connections, see section „W series accessories".

	WDU 10	10 mm²	WDU 10 IR	10 mm²
Width/Height/Depth mm	9.9 x 60 x 46.5		9.9 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**76 / 16**		**76 / 16**	
Max. clamping range mm²	**1.31...16**		**1.31...16**	

Technical data

	WDU 10				WDU 10 IR			
Rated data								
Rated voltage V	IEC 60947-7-1				IEC 60947-7-1			
Rated current A	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	1000	600	600	690	1000			
Rated impulse withstand voltage / Pollution severity	57	65	65	50	57			
Gauge to IEC 60947-1 / UL 94 flammability rating	10	AWG 18...6	AWG 18...6	10 mm²	10			
Approvals			8 kV / 3				8 kV / 3	
			B6 / V-0				B6 / V-0	
				KEMA98ATEX1683U				
Clamped conductors (H05V/H07V)	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Tightening torque range (terminal screw)	1.2...1.9 Nm (M 4)				1.5...1.8 Nm (M 4)			
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm				12 / 1.0 x 5.5 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded mm²	1.5...6 / 0.5...6							
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6							
Note	Note max. current of terminal (76 A) when using WQV! Tighten AWG 6/7 and H07V-R16 to 2.4 Nm.							

Ordering data

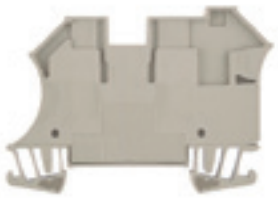
Version	WDU 10 Type	Qty.	Order No.	WDU 10 IR Type	Qty.	Order No.
dark beige	WDU 10	50	**1020300000**	WDU 10 IR	50	**1393380000**
black (combi clip-on feet TS 32/25)						
blue	WDU 10 BL	50	**1020380000**			
Note	1000 VDC rated voltage tested.For alternative colours, see section on W-series accessories – specific functions.					

Accessories

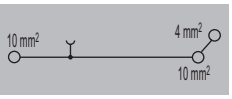
	WDU 10 Type	current	Qty.	Order No.	WDU 10 IR Type	current	Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 10/2	57 A	50	**1052560000**	WQV 10/2	57 A	50	**1052560000**
10-pole	WQV 10/10	57 A	20	**1052460000**	WQV 10/10	57 A	20	**1052460000**
End plate / Partition plate								
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
Blue	WAP 2.5-10 BL		50	**1050080000**	WAP 2.5-10 BL		50	**1050080000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket								
dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Testing / Checking								
Standard	WTA 3 WDU4		25	**1632350000**	WTA 5/1		25	**1051260000**
Cover								
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**
Hak. Cable lugs								
For detailed information on other accessories and application in the online catalogue	Cross-connections, socket and test plug, see section „W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.							

WDU 10/ZR — 10 mm²

Additional connection on right 4 mm²



9.9 x 70 x 49
76 / 16
1.31...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	65	65	
10	AWG 16...6	AWG 16...6	
	8 kV / 3		
	B6, A4 / V-0		

CE cULus

Rated connection	Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4
1...16 / 1.5...16	0.5...4 / 0.5...4
1.2...1.9 Nm (M 4)	
12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
1.5...6	
1...6 / 1...6	

Note max. current of terminal (76 A) when using WQV! Tighten AWG 6/7 and H07V-R16 to 2.4 Nm. Upper right ZR connection A 4.

Type	Qty.	Order No.
WDU 10/ZR	50	1042400000
WDU 10/ZR BL	50	1042480000

The measurement data relates to the 10 mm² connection.

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/10	57 A	20	1052460000
WEW 35/2		100	1061200000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Cross-connections, socket and test plug, see section „W series accessories".

WDU 10 SL — 10 mm²

9.9 x 60 x 46.25
76 / 10
1.31...10

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
630	150	300	275
57	50	65	50
10	AWG 16...8	AWG 16...6	10 mm²
	6 kV / 2		
	A5 / V-0		

CE cULus — SIRA02ATEX3242U

Rated connection	Further connection
1.5...10 / 1.5...10	
1...6 / 1.5...10	10
1.2...2.4 Nm (M 4)	
17 / 1.0 x 5.5 mm	
1.5...4	
2.5...4 / 1...4	

ESI rated data: 500 V/36 A / 16 mm² stranded connection must be tightened with 2 Nm.

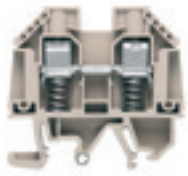
Type	Qty.	Order No.
WDU 10 SL	50	9537480000

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/10	57 A	20	1052460000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WEW 35/2		100	1061200000
WTA 5/1		25	1051260000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

Cross-connections, see section „W series accessories".

WDU 10 SL/EN — 10 mm²



9.9 x 56.6 x 51.1
76 / 16
1.31...16

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
630	600	300	275
57	50	65	50
10	AWG 16...8	AWG 16...6	10 mm²
	6 kV / 2		
	A6 / V-0		

CE cULus — SIRA02ATEX3242U

Rated connection	Further connection
1.5...16 / 1.5...16	
1...6 / 1.5...10	10
1.2...2.4 Nm (M 4)	
17 / 1.0 x 5.5 mm	
1.5...4	
2.5...4 / 1...4	

ESI rated data: 500 V/36 A / 16 mm² stranded connection must be tightened with 2 Nm.

Type	Qty.	Order No.
WDU 10 SL/EN	50	9537490000

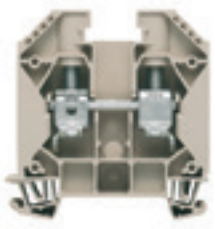
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/10	57 A	20	1052460000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WEW 35/2		100	1061200000
WTA 5/1		25	1051260000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
HBT 1,5 - 4,6 RT		100	1233340000
HBT 2,5 - 4,6 BL		100	1233330000
HBT 6,0 - 4,6 GE		100	1216230000

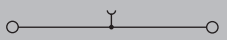
Cross-connections, see section „W series accessories".

WDU 16 — 16 mm²

With peg for higher connection stability



Width/Height/Depth	mm	11.9 x 60 x 62.5
max. current / max. cond. cross-section	A/mm²	**101 / 25**
Max. clamping range	mm²	**0.82...25**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	1000	600	600	690
Rated current	76	85	85	66
for wire cross-section	16	AWG 18...4	AWG 18...6	16 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		B7 / V-0		
Approvals				KEMA98ATEX1683U

Clamped conductors (H05V/H07V)	Rated connection	Further connection
Solid / Stranded	1.5...16 / 1.5...25	
Flexible / Flexible with ferrule	1.5...25 / 1.5...16	
Tightening torque range (terminal screw)	3...4 Nm (M 5)	
Stripping length / Blade size	16 / 1.0 x 5.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded	1.5...4	
Flexible / Flexible with ferrule	1.5...4 / 1.5...4	

Note	
	Conductor connection H07V-..16 and AWG 6 with tightening torque of 2.0-2.4 Nm.

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 16	50	**1020400000**
blue	WDU 16 BL	50	**1020480000**

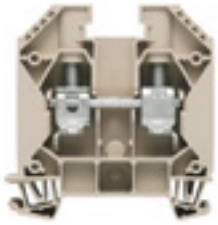
Note	
	Order No. 1020400000 and 1020480000 (blue) versions without pegs (50 pcs.)

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 16/2	76 A	50	**1053260000**
10-pole	WQV 16/10	76 A	10	**1053360000**
End plate / Partition plate				
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket				
dark beige	WEW 35/1		50	**1059000000**
Cover				
With lightning flash symbol	WAD 12 M.BL.		50	**1055960000**
Blank, white	WAD 12 NEUTRAL		50	**1056260000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue	
	Socket and test plug, see section „W-series accessories"

WDU 16 IR — 16 mm²



Width/Height/Depth	mm	11.9 x 60 x 62.5
max. current / max. cond. cross-section	A/mm²	**101 / 25**
Max. clamping range	mm²	**0.82...25**

Technical data

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000			
Rated current	A	76			
for wire cross-section	mm²	16			
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			B7 / V-0		
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**	
Solid / Stranded	mm²	1.5...16 / 1.5...25			
Flexible / Flexible with ferrule	mm²	1.5...25 / 1.5...16			
Tightening torque range (terminal screw)		3...4 Nm (M 5)			
Stripping length / Blade size	mm/-	16 / 1.0 x 5.5 mm			
2 conductors with same cross-section (H05V/H07V)					
Solid / Stranded	-				
Flexible / Flexible with ferrule	-				

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 16 IR	50	**1393390000**
dark beige			
blue			

Note

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 16/2	76 A	50	**1053260000**
4-pole				
10-pole	WQV 16/10	76 A	10	**1053360000**
End plate / Partition plate				
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket				
dark beige	WEW 35/1		50	**1059000000**
Testing / Checking				
Standard				
Cover				
With lightning flash symbol	WAD 12 M.BL.		50	**1055960000**
Blank, white	WAD 12 NEUTRAL		50	**1056260000**
Additional connection				
4 mm²				
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

WDU 16N — 16 mm²

Suitable for power distribution
Compact design

Width/Height/Depth	mm	12 x 60 x 46.5
max. current / max. cond. cross-section	A/mm²	**101 / 25**
Max. clamping range	mm²	**1.5...25**

Technical data

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	690	600	300	
Rated current	A	76	70	70	
for wire cross-section	mm²	16	AWG 14...6	AWG 14...6	
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			B7 / V-0		
Approvals		CE GL KTL UL			
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**	
Solid / Stranded	mm²	1.5...16 / 1.5...25			
Flexible / Flexible with ferrule	mm²	1.5...16 / 1.5...16			
Tightening torque range (terminal screw)		1.2...2.4 Nm (M 4)			
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm			
2 conductors with same cross-section (H05V/H07V)					
Solid / Stranded	-	1.5...4			
Flexible / Flexible with ferrule	-	1.5...4 / 1.5...4			

AWG 6/7 and H07V-R25 tighten with a tightening torque of 1.5 Nm.

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 16N	50	**1036100000**
dark beige			
blue	WDU 16N BL	50	**1036180000**

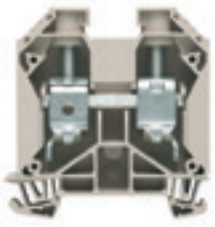
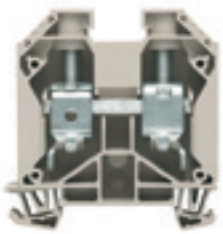
Note

1000 VDC rated voltage tested.

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 16N/2	76 A	50	**1636560000**
4-pole	WQV 16N/4	76 A	50	**1636580000**
10-pole				
End plate / Partition plate				
dark beige	WTW EN		20	**1058800000**
Blue				
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Testing / Checking				
Standard	WTA 2 WDU2.5-10		25	**1632320000**
Cover				
With lightning flash symbol	WAD 12N GE BED		50	**1073200000**
Blank, white	WAD 12N WS		50	**1073290000**
Additional connection				
4 mm²				
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/12 MC NE WS		300	**1905970000**

Cross-connections, socket and test plug, see section „W series accessories".

	WDU 35	WDU 35 IR
	35 mm²	35 mm²
	Clamping screw / spigot for good connection stability	
		
Width/Height/Depth mm	16 x 60 x 62.5	16 x 60 x 62.5
max. current / max. cond. cross-section A/mm²	**150 / 50**	**150 / 50**
Max. clamping range mm²	**2.5...50**	**2.5...50**

Technical data

	WDU 35	WDU 35 IR
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals	KEMA98ATEX1683U	
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Tightening torque range (terminal screw)		
Stripping length / Blade size mm/-		
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		

IEC	UL	CSA	EN 60079-7
1000	1000	600	690
125	150	150	109
35	AWG 12...0	AWG 12...2	35 mm²
	8 kV / 3		
	B8 / V-0		

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm (M 6)	
18 / 6.5 x 1.2 mm	
2.5...10 / 16...16	
2.5...16 / 2.5...16	

IEC	UL	CSA	EN 60079-7
1000			
125			
35			
	8 kV / 3		
	B8 / V-0		

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm (M 6)	
18 / 6.5 x 1.2 mm	

Note

Ordering data

Version

Type	Qty.	Order No.
dark beige WDU 35	40	**1020500000**
dark beige		
blue WDU 35 BL	40	**1020580000**

Order No. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.).

Type	Qty.	Order No.
WDU 35 IR	40	**1393400000**

Note

Accessories

Type	current	Qty.	Order No.
Screwable cross-connection			
2-pole WQV 35/2	135 A	50	**1053060000**
4-pole			
10-pole WQV 35/10	112 A	10	**1053160000**
End plate / Partition plate			
dark beige WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket			
dark beige WEW 35/1		50	**1059000000**
Testing / Checking			
Standard			
Cover			
With lightning flash symbol WAD 12 M.BL.		50	**1055960000**
Blank, white WAD 12 NEUTRAL		50	**1056260000**
Additional connection			
4 mm²			
Identification systems			
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

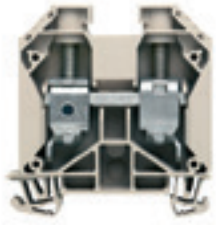
Type	current	Qty.	Order No.
WQV 35/2	135 A	50	**1053060000**
WQV 35/10	112 A	10	**1053160000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/1		50	**1059000000**
WAD 12 M.BL.		50	**1055960000**
WAD 12 NEUTRAL		50	**1056260000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

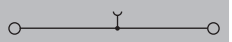
Cross-connections, socket and test plug, see section „W series accessories".

WDU 35 IK — 35 mm²

Hexagonal socket / spigot for good connection stability



16 x 60 x 62.5
150 / 50
2.5...50



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	
125	150	150	
35	AWG 12...NaN	AWG 12...1	
	8 kV / 3		
	B8 / V-0		

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...6 Nm (M 6)	
18 / S4 (DIN 6911)	
2.5...10 / 16...16	
2.5...16 / 2.5...16	

Type	Qty.	Order No.
WDU 35/IK	25	**1020600000**
WDU 35/IK/ZA	25	**1029000000**
WDU 35/IK BL	25	**1020680000**

Order No. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.).

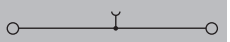
Type	current	Qty.	Order No.
WQV 35/2	135 A	50	**1053060000**
WQV 35/10	112 A	10	**1053160000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/1		50	**1059000000**
WAD 12 M.BL.		50	**1055960000**
WAD 12 NEUTRAL		50	**1056260000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

Cross-connections, socket and test plug, see section „W series accessories".

WDU 35N — 35 mm²

Suitable for power distribution
Compact design

16 x 66 x 50.5
150 / 50
2.5...50



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	1000	600	352
125	150	150	110
35	AWG 12...0	AWG 12...2	35 mm²
	6 kV / 3		
	B8 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6	
2.5...6 / 2.5...6	

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 35N	20	**1040400000**
WDU 35N BL	20	**1040480000**

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Type	current	Qty.	Order No.
WQV 35N/2	135 A	20	**1079200000**
WQV 35N/4	101 A	20	**1079400000**
WTW EN		20	**1058800000**
WEW 35/2		100	**1061200000**
WAD 16N GE BED		50	**1083600000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

Cross-connections, see section „W series accessories".

WDU 50N — 50 mm²

Compact design

WDU 50N IR — 50 mm²

Six-lobe socket

		WDU 50N	WDU 50N IR
Width/Height/Depth	mm	18.5 x 70 x 69.6	18.5 x 70 x 69.6
max. current / max. cond. cross-section	A/mm²	**192 / 70**	**192 / 70**
Max. clamping range	mm²	**10...70**	**10...70**

Technical data

		WDU 50N	WDU 50N IR
Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Tightening torque range (terminal screw)			
Stripping length / Blade size	mm/-		
2 conductors with same cross-section (H05V/H07V)			
Solid / Stranded	-		
Flexible / Flexible with ferrule	mm²		

IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm²
		8 kV / 3	
		B10 / V-0	
			KEMA98ATEX1683U

Rated connection	Further connection
6...16 / 6...70	
10...50 / 6...50	
3.5...6 Nm (M 6)	
24 / S4 (DIN 6911)	
...16 / 6...16	
6...16 / 6...16	

1000 V DC rated voltage tested.

IEC	UL	CSA	EN 60079-7
1000			
150			
50			
		8 kV / 3	
		B10 / V-0	

Rated connection	Further connection
10...16 / 10...70	
10...50 / 10...50	
3...6 Nm (M 6)	
24 / S4 (DIN 6911)	
...16 / 6...16	
6...16 / 6...16	

1000 V DC rated voltage tested.

Ordering data

Version	
dark beige	
blue	

Type	Qty.	Order No.
WDU 50N	10	**1820840000**
WDU 50N BL	10	**1820850000**

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Type	Qty.	Order No.
WDU 50N IR	10	**1186630000**

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 50N/2	150 A	5	**1834060000**
3-pole	WQV 50N/3	150 A	5	**1834070000**
4-pole	WQV 50N/4	150 A	5	**1834080000**
End bracket				
dark beige	WEW 35/1		50	**1059000000**
Cover				
With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**
Blank, white				
Additional connection				
4 mm²				
10 mm²	WZAD 50N		5	**1872720000**
Ribbon cable clamp				
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 50N/2	150 A	5	**1834060000**
3-pole	WQV 50N/3	150 A	5	**1834070000**
4-pole	WQV 50N/4	150 A	5	**1834080000**
End bracket				
dark beige	WEW 35/1		50	**1059000000**
Cover				
With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**
Blank, white				
Additional connection				
4 mm²				
10 mm²	WZAD 50N		5	**1872720000**
Ribbon cable clamp				
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**

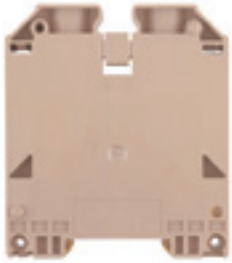
For detailed information on other accessories and application in the online catalogue

Auxiliary connection for additional conductor „WZAD 50N" 1872720000 (up to 10 mm², 41 A). Cross-connections, see section „W series accessories".

Cross-connections, see section „W series accessories".

WDU 70N — 70 mm²

Compact design



20.5 x 75 x 85
232 / 95
16...95

IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	150	150	167
70	AWG 6...0	AWG 6...0	70 mm²
8 kV / 3			
B11 / V-0			

KEMA98ATEX1683U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...70	
8...12 Nm (M 8)	
22 / S6 (DIN 6911)	
10...16 / 10...25	
10...25 / 6...25	

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 70N/35	10	9512190000
WDU 70N/35 BL	10	9512420000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Type	current	Qty.	Order No.
WQV 70N/2	192 A	5	9512240000
WQV 70N/3	192 A	5	9512250000
WQV 70N/4	192 A	5	9531290000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 70N		5	1964830000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Auxiliary connection for additional conductor „WZAD 70N" 1964830000 (up to 10 mm², 41 A). Cross-connections, see section „W series accessories".

WDU 70/95 — 95 mm²

Conductor can be inserted from above / leaf spring

27 x 132 x 107
232 / 120
13.3...120

IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	690
232	175	205	202
95	AWG 6...0	AWG 6...0	70 mm²
8 kV / 3			
B12 / V-0			

KEMA98ATEX1686U

Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...95	
6...12 Nm (M 8)	
30 / S6 (DIN 6911)	
16...16 / 16...35	
16...35 / 16...35	

Type	Qty.	Order No.
WDU 70/95	10	1024600000
WDU 70/95 BL	10	1024680000

For details on ribbon cable, see our online catalogue and for information on direct mounting, see section on W-series Accessories.

Type	current	Qty.	Order No.
WQV 70/95/2	192 A	5	1063500000
WQV 70/95/3	232 A	5	1063600000
WEW 35/1		50	1059000000
WAD 27 M. BL.		10	1062860000
WAD 27 NEUTRAL		10	1062960000
WZAD 70/95		10	1066000000
WFL 70/95		5	1616330000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Auxiliary connection for the additional conductor „WZAD 70", 1066000000 (up to 4 mm², 32 A). Cross-connections, see section „W series accessories".

WDU 95N/120N — 120 mm²

Compact design

27 x 91 x 90
290 / 150
16...150

IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	243
120	AWG 4...250	AWG 4...0	120 mm²
8 kV / 3			
B13 / V-0			

KEMA98ATEX1683U

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 Nm (M 10)	
27 / S6 (DIN 6911)	
16...16 / 10...35	
16...35 / 10...35	

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Type	current	Qty.	Order No.
WQV 95N/120N/2	269 A	5	1826890000
WQV 95N/120N/3	269 A	5	1826900000
WQV 95N/120N/4	269 A	5	1826910000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 95N/120N		5	1859580000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Auxiliary connection for additional conductor „WZAD 95N/120N" 1859580000 (up to 10 mm², 41 A). Cross-connections, see section „W series accessories".

Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

WDU 120/150 — 120 mm²

Conductor can be inserted from above / leaf spring

WDU 240 — 240 mm²

		WDU 120/150	WDU 240
Width/Height/Depth	mm	32 x 132 x 117	36 x 100 x 123.7
max. current / max. cond. cross-section	A/mm²	**309 / 150**	**415 / 240**
Max. clamping range	mm²	**33.63...150**	**70...240**

Technical data

Rated data		WDU 120/150	WDU 240
		IEC 60947-7-1 — Ex e II — II 2 G D	IEC 60947-7-1 — Ex e II — II 2 G D
Rated voltage	V	1000	1000
Rated current	A	269	415
for wire cross-section	mm²	120	240
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		B13 / V-0	B15 / V-0
Approvals		KEMA98ATEX1686U	KEMA01ATEX2186U

Rated conductors (H05V/H07V)		WDU 120/150	WDU 240
		IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Solid / Stranded	-	1000 / 1000 / 600 / 1100	1000 / 600 / 600 / 1100
Flexible / Flexible with ferrule	mm²	269 / 225 / 285 / 234	415 / 380 / 400 / 350
Tightening torque range (terminal screw)		120 / AWG 2...250 / AWG 2...250 / 120 mm²	240 / AWG 0...500 / 240 mm²
Stripping length / Blade size	mm/-		

2 conductors with same cross-section (H05V/H07V)		WDU 120/150	WDU 240
		Rated connection / Further connection	Rated connection / Further connection
Solid / Stranded	-	/ 35...150	/ 70...240
Flexible / Flexible with ferrule	mm²	35...150 / 35...150	70...240 / 70...185
Tightening torque range (terminal screw)		10...20 Nm (M 10)	25...30 Nm (M 10)
Stripping length / Blade size	mm/-	35 / S6 (DIN 6911)	40 / S8 (DIN 6911)
Solid / Stranded	-	...16 / 35...70	/ 35...95
Flexible / Flexible with ferrule	mm²	35...70 / 35...70	50...95 / 35...50

Note	WDU 120/150	WDU 240
		Copper straps can be used; see online catalogue for possible connections.

Ordering data

Version	WDU 120/150	Qty.	Order No.	WDU 240	Qty.	Order No.
dark beige	WDU 120/150	10	**1024500000**	WDU 240	2	**1802780000**
blue	WDU 120/150 BL	10	**1024580000**	WDU 240 BL	2	**1822210000**
Note	For direct mounting see section W-Series, Accessories.			1000 VDC rated voltage tested.		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 120/2	269 A	5	**1063300000**	WQB 240/2	320 A	5	**1802790000**
3-pole	WQV 120/3	269 A	5	**1063400000**	WQB 240/3	320 A	5	**1802800000**
4-pole								
End bracket								
dark beige	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Cover								
With lightning flash symbol	WAD 27 M. BL.		10	**1062860000**				
Blank, white	WAD 27 NEUTRAL		10	**1062960000**				
Additional connection								
4 mm²	WZAD120		10	**1066100000**				
10 mm²					WZAD 240		5	**1802810000**
Ribbon cable clamp								
	WFL 120/150		5	**1616340000**				
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**

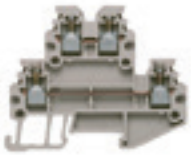
For detailed information on other accessories and application in the online catalogue

Auxiliary connection for the additional conductor „WZAD 120", 1066100000 (up to 4 mm², 32 A). Cross-connections, see section „W series accessories".

Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

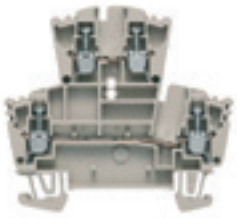
WDK 1.5/R3.5 — 1.5 mm²

Double feed-through terminal (V0)

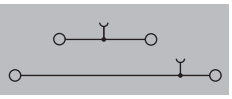


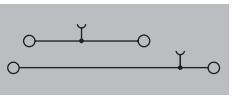
WDK 2.5 — 2.5 mm²

Screwable cross-connection



		WDK 1.5/R3.5	WDK 2.5
Width/Height/Depth	mm	3.5 x 46.5 x 37.5	5.1 x 69.5 x 62.5
max. current / max. cond. cross-section	A/mm²	16 / 1.5	32 / 4
Max. clamping range	mm²	0.13...1.5	0.05...4





Technical data

		WDK 1.5/R3.5	WDK 2.5
Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex e II	Ex e II
for wire cross-section	mm²	II 2 G D	II 2 G D
Rated impulse withstand voltage / Pollution severity		IEC: 400 / 16 / 1.5	IEC: 400 / 24 / 2.5
Gauge to IEC 60947-1 / UL 94 flammability rating		UL: 300 / 15 / AWG 26...14	UL: 300 / 20 / AWG 22...12
Approvals		CSA: 300 / 10 / AWG 26...14	CSA: 300 / 10 / AWG 26...12
		EN 60079-7: 275 / 15 / 1.5 mm²	EN 60079-7: 275 / 21 / 2.5 mm²
		4 kV / 3	6 kV / 3
		A1 / V-0	A3 / V-0
		KEMA99ATEX6545U	KEMA98ATEX1687U
Clamped conductors (H05V/H07V)		**Rated connection / Further connection**	**Rated connection / Further connection**
Solid / Stranded	mm²	0.5...1.5 / 1.5...1.5	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		0.3(M 2)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	mm/-	7 / 0.4 x 2.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)			
Solid / Stranded	mm²	0.5...0.75	0.5...1.5
Flexible / Flexible with ferrule	mm²	0.5...0.75 / 0.5...0.5	0.5...1.5 / 0.5...1.5
Note		PZ 6/5 recommended as crimping tool for 1.5 mm² with wire-end ferrule	2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 1.5/R3.5	100	**1753290000**
blue			
Note			

Type	Qty.	Order No.
WDK 2.5	100	**1021500000**
WDK 2.5 BL	100	**1021580000**
For colour versions, see section on W-series Accessories - specific functions.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
2-pole				
10-pole				
Screwable cross-connection				
2-pole				
10-pole				
End plate / Partition plate				
dark beige	WAP WDK1.5/R3.5		20	**1754200000**
Blue				
dark beige				
End bracket				
dark beige	EW 15		50	**0382860000**
Cover				
With lightning flash symbol				
Blank, white				
Identification systems				
	DEK 5/3.5 MC NE WS		500	**1755270000**
	DEK 5/3.5 MM WS		1000	**2007100000**
	WS 8/3.5 MM WS		1000	**2007140000**

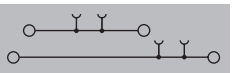
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WTW EN		20	**1058800000**
WEW 35/2		100	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Cross-connections, test and socket plug, see section „W series accessories". Ensure 2.5 mm² max. when using the WQB.

WDK 2.5 ZQV — 2.5 mm²

Plug-in cross-connection

5.1 x 65.4 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	25	21
2.5	AWG 22...12	AWG 26...12	2.5 mm²
6 kV / 3			
A3 / V-0			

KEMA98ATEX1687U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WDK 2.5 ZQV	100	**1041100000**
WDK 2.5 ZQV BL	100	**1041180000**

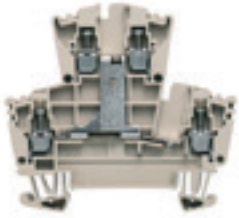
Rated voltage is 400 V when using the ZQV cross-connector.
For colour versions, see section on W-series Accessories

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WTW EN		20	**1058800000**
WEW 35/2		100	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

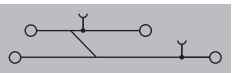
Cross-connections, test and socket plug, see section „W series accessories".
Ensure 2.5 mm² max. when using the WQB.

WDK 2.5 V — 2.5 mm²

Both levels at one potential



5.1 x 69.5 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	600	300	275
24	20	10	21
2.5	AWG 30...12	AWG 26...12	2.5 mm²
6 kV / 3			
A3 / V-0			

KEMA98ATEX1687U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WDK 2.5V	100	**1022300000**
WDK 2.5V BL	100	**1022380000**

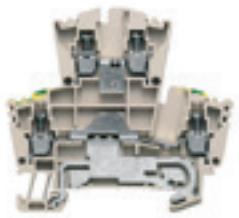
For colour versions, see section on W-series Accessories - specific functions.

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WTW EN		20	**1058800000**
WEW 35/2		100	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

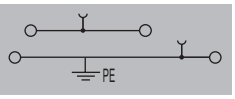
Cross-connections, test and socket plug, see section „W series accessories".
Ensure 2.5 mm² max. when using the WQB.

WDK 2.5 DU-PE — 2.5 mm²

Lower level earthed on terminal rail



5.1 x 69.5 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	20	21
2.5	AWG 22...12	AWG 22...12	2.5 mm²
6 kV / 3			
A3 / V-0			

KEMA98ATEX1687U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WDK 2.5DU-PE	100	**1036400000**

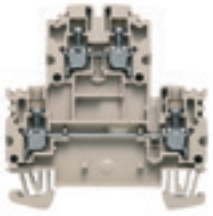
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WTW EN		20	**1058800000**
WEW 35/2		100	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Cross-connections, test and socket plug, see section „W series accessories".
Ensure 2.5 mm² max. when using the WQB.

Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

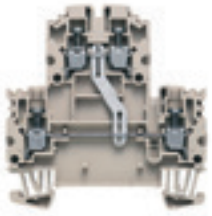
WDK 2.5N — 2.5 mm²

Plug-in cross-connection
Compact design



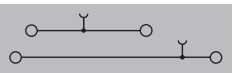
WDK 2.5N V — 2.5 mm²

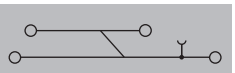
Both levels at one potential
Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WDK 2.5N	WDK 2.5N V
5.1 x 61 x 62	5.1 x 61 x 62
28 / 4	**28 / 4**
0.05...4	**0.05...4**





Technical data

Rated data	WDK 2.5N	WDK 2.5N V
Rated voltage	800	800
Rated current	24	24
for wire cross-section	2.5	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	KEMA00ATEX2061U	KEMA00ATEX2061U
Clamped conductors (H05V/H07V)		
Solid / Stranded	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Stripping length / Blade size	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded	0.5...1.5	0.5...1.5
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5

IEC 60947-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800		300	550
24		20	21
2.5		AWG 26...12	2.5 mm²

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Note

Rated voltage is reduced to 400 V when using the ZQV 2.5N cross-connector.

Rated voltage is reduced to 400 V when using the ZQV cross-connector.

Ordering data

Version

dark beige
blue

Type	Qty.	Order No.
WDK 2.5N	100	**1041600000**
WDK 2.5N BL	100	**1041680000**

Type	Qty.	Order No.
WDK 2.5N V	100	**1041610000**

Note

Accessories

Pluggable cross-connection

2-pole
10-pole
2-pole
10-pole

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**

Screwable cross-connection

2-pole
10-pole

End plate / Partition plate

dark beige
Blue
dark beige

WAP WDK2.5/4 N		20	**1084000000**
WAP WDK2.5/4 N BL		20	**1084080000**
WTW EN		20	**1058800000**

WAP WDK2.5/4 N		20	**1084000000**
WAP WDK2.5/4 N BL		20	**1084080000**
WTW EN		20	**1058800000**

End bracket

dark beige

WEW 35/2		100	**1061200000**

WEW 35/2		100	**1061200000**

Cover

With lightning flash symbol
Blank, white

Identification systems

DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

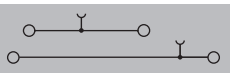
Cross-connections, see section „W series accessories".

Cross-connections, see section „W series accessories".

WDK 2.5 / 800 V — 2.5 mm²

Rated voltage 800 V

6.1 x 69 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800			440
24			24
2.5		AWG 26...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		

KEMA98ATEX1687U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

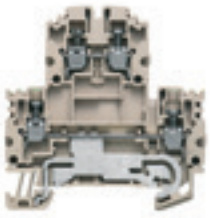
Type	Qty.	Order No.
WDK 2.5/EX	100	1029100000

Type	current	Qty.	Order No.
Q 2 AKZ4SS	20 A	50	0369000000
Q 10 AKZ4SS	20 A	20	0369300000
WAP WDK2.5		20	1059100000
WAP WDK2.5 BL		20	1059180000
WAP 16+35 WTW 2.5-10		20	1050100000
WEW 35/2		100	1061200000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
DEK 5/6 MC NE WS		1000	1609820000
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

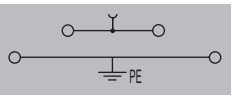
Cross-connections, test and socket plug, see section „W series accessories". Ensure 2.5 mm² max. when using the WQB.

WDK 2.5N DU-PE — 2.5 mm²

Lower level earthed on terminal rail
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800		300	550
24		20	21
2.5		AWG 26...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		

KEMA00ATEX2061U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Rated voltage is reduced to 400 V when using the ZQV cross-connector. 2 conductors via the PE connection are not permissible!

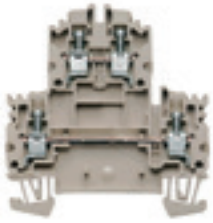
Type	Qty.	Order No.
WDK 2.5N DU-PE	100	1041650000

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDK2.5/4 N		20	1084000000
WAP WDK2.5/4 N BL		20	1084080000
WTW EN		20	1058800000
WEW 35/2		100	1061200000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

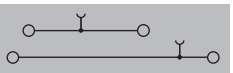
Cross-connections, see section „W series accessories".

WDK 4N — 4 mm²

Solid / stranded
Flexible / flexible with wire-end ferrule



6.1 x 60 x 63.25
35 / 6
0.13...6



IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
32	35	30	28
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A4 / V-0		

KEMA00ATEX2061U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1 Nm (M 3)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Rated voltage: 400 V when using ZQV cross-connection
2 wire H07V-U1.5, tighten with 0.6 Nm.

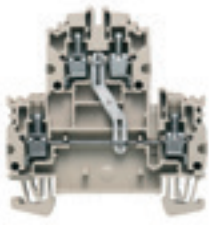
Type	Qty.	Order No.
WDK 4N	100	1041900000
WDK 4N BL	100	1041980000

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDK2.5/4 N		20	1084000000
WAP WDK2.5/4 N BL		20	1084080000
WTW EN		20	1058800000
WEW 35/2		100	1061200000
DEK 5/6 MC NE WS		1000	1609820000
WS 8/6 PLUS MC NE WS		600	1951880000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

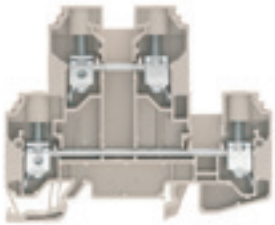
Cross-connections, see section „W series accessories".

WDK 4N V — 4 mm²

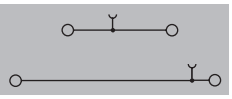
Both levels at one potential
Compact design



WDK 10 — 10 mm²



		WDK 4N V	WDK 10
Width/Height/Depth	mm	6.1 x 60.7 x 63.25	9.9 x 85 x 69
max. current / max. cond. cross-section	A/mm²	**35 / 6**	**70 / 16**
Max. clamping range	mm²	**0.13...6**	**1.5...16**



Technical data

		WDK 4N V				WDK 10			
Rated data									
		IEC 60947-7-1			Ex e II II 2 G D	IEC 60947-7-1			
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	800	600	300	550	800	600	600	
Rated current	A	32	35	30	28	57	64	64	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	4 mm²	10	AWG 18...6	AWG 18...6	
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0				B6 / V-0			
Approvals					KEMA00ATEX2061U				
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded	mm²	0.5...6 / 1.5...6				1.5...16 / 1.5...16			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				1.5...16 / 1.5...16			
Tightening torque range (terminal screw)		0.5...1 Nm (M 3)				1.2...1.9 Nm (M 4)			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm				12 / 1.0 x 5.5 mm			
2 conductors with same cross-section (H05V/H07V)									
Solid / Stranded	mm²	0.5...1.5							
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5							
Note		Rated voltage: 400 V when using ZQV cross-connection 2 wire H07V-U1.5, tighten with 0.6 Nm.							

Ordering data

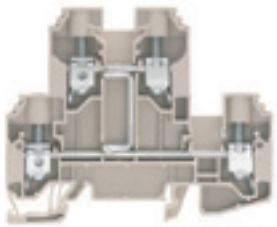
Version	WDK 4N V Type	Qty.	Order No.	WDK 10 Type	Qty.	Order No.
dark beige	WDK 4N V	100	**1041910000**	WDK 10	50	**1186740000**
blue				WDK 10 BL	50	**1186750000**
dark beige / blue						
Note						

Accessories

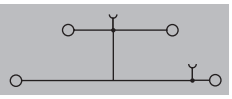
	WDK 4N V Type	current	Qty.	Order No.	WDK 10 Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**				
10-pole	ZQV 4N/10	32 A	20	**1528090000**				
End plate / Partition plate								
dark beige	WAP WDK2.5/4 N		20	**1084000000**	WAP WDK10		20	**1186720000**
Blue	WAP WDK2.5/4 N BL		20	**1084080000**	WAP WDK10 BL		20	**1186730000**
dark beige	WTW EN		20	**1058800000**				
End bracket								
dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Identification systems								
	DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/6 PLUS MC NE WS		600	**1951880000**				
	DEK 5/5 MM WS		800	**2007110000**				
	WS 8/5 MM WS		800	**2007150000**				
Screwable cross-connection								
2-pole					WQV 10/2	57 A	50	**1052560000**
10-pole					WQV 10/10	57 A	20	**1052460000**
Cover								
Blank, white					WAD 8 MC NE WS		48	**1112940000**
Blank, yellow					WAD 8 MC NE GE		48	**1112950000**
Screwdriver								
Standard					SDS 1.0X5.5X150		1	**9008350000**

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Cross-connections, see section „W series accessories".

WDK 10 V — 10 mm²



9.9 x 85 x 69
73 / 16
1.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	49	49	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

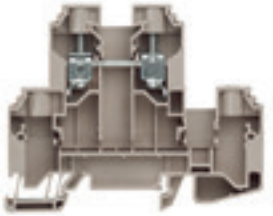
Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 Nm (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10 V	50	1186770000
WDK 10 V BL	50	1186780000

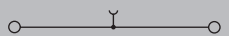
Type	current	Qty.	Order No.
WAP WDK10		20	1186720000
WAP WDK10 BL		20	1186730000
WEW 35/2		100	1061200000
DEK 5/5 MC NE WS		1000	1609801044
WQV 10/2	57 A	50	1052560000
WQV 10/10	57 A	20	1052460000
WAD 8 MC NE WS		48	1112940000
WAD 8 MC NE GE		48	1112950000
SDS 1.0X5.5X150		1	9008350000

Cross-connections, see section „W series accessories".

WDK 10 L — 10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800		1000	
57		70	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

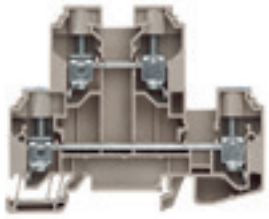
Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 Nm (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10 L	50	1415510000

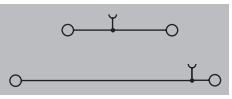
Type	current	Qty.	Order No.
WAP WDK10		20	1186720000
WAP WDK10 BL		20	1186730000
WEW 35/2		100	1061200000
DEK 5/5 MC NE WS		1000	1609801044
WQV 10/2	57 A	50	1052560000
WQV 10/10	57 A	20	1052460000
WAD 8 MC NE WS		48	1112940000
WAD 8 MC NE GE		48	1112950000
SDS 1.0X5.5X150		1	9008350000

Cross-connections, see section „W series accessories".

WDK 10 DU-N — 10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

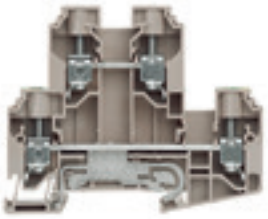
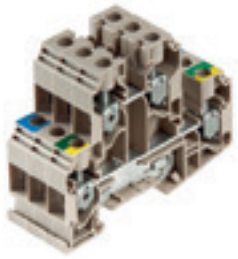
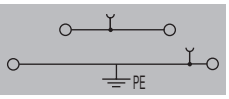
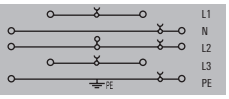
Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 Nm (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10 DU-N	50	1415520000

Type	current	Qty.	Order No.
WAP WDK10		20	1186720000
WAP WDK10 BL		20	1186730000
WEW 35/2		100	1061200000
DEK 5/5 MC NE WS		1000	1609801044
WQV 10/2	57 A	50	1052560000
WQV 10/10	57 A	20	1052460000
WAD 8 MC NE WS		48	1112940000
WAD 8 MC NE GE		48	1112950000
SDS 1.0X5.5X150		1	9008350000

Cross-connections, see section „W series accessories".

Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

	WDK 10 DU-PE	10 mm²	WDK 10 SET BCD	10 mm²
				
Width/Height/Depth mm	9.9 x 85 x 69		29.7 x 85 x 69	
max. current / max. cond. cross-section A/mm²	**70 / 16**		**70 / 16**	
Max. clamping range mm²	**1.5...16**		**1.5...16**	

Technical data

	WDK 10 DU-PE				WDK 10 SET BCD			
Rated data								
Rated voltage V	IEC 60947-7-1 (-7-2)				IEC 60947-7-1 (-7-2)			
Rated current A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section mm²	800	600	600		800	600	600	
	57	40	40		57	64	64	
	10	AWG 18...6	AWG 18...6		10	AWG 18...6	AWG 18...6	
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B6 / V-0				B6 / V-0	
Approvals								
Clamped conductors (H05V/H07V)	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Tightening torque range (terminal screw)	1.2...1.9 Nm (M 4)				1.2...1.9 Nm (M 4)			
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm				12 / 1.0 x 5.5 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -								
Flexible / Flexible with ferrule -								
Note								

Ordering data

Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige Wemid						
with PE foot						
dark beige / green / yellow	WDK 10 DU-PE	50	**1415480000**	WDK 10 SET BCD	1	**1415540000**
Note						

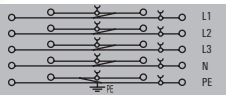
Accessories

	WDK 10 DU-PE				WDK 10 SET BCD			
Screwable cross-connection	**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
2-pole	WQV 10/2	57 A	50	**1052560000**	WQV 10/2	57 A	50	**1052560000**
10-pole	WQV 10/10	57 A	20	**1052460000**	WQV 10/10	57 A	20	**1052460000**
End plate / Partition plate								
dark beige	WAP WDK10		20	**1186720000**	WAP WDK10		20	**1186720000**
Blue	WAP WDK10 BL		20	**1186730000**	WAP WDK10 BL		20	**1186730000**
End bracket								
dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**9008350000**	SDS 1.0X5.5X150		1	**9008350000**
Cover								
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
Cross-connection								
black								
blue								
red								

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Cross-connections, see section „W series accessories".

WDK 10 SET LS — 10 mm²

49.5 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

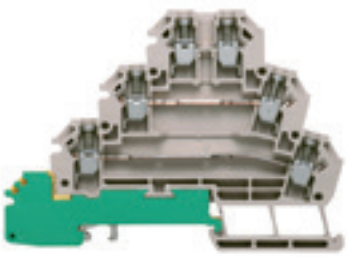
Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 Nm (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10 SET LS	1	**1415530000**

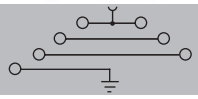
Type	current	Qty.	Order No.
WQV 10/2	57 A	50	**1052560000**
WQV 10/10	57 A	20	**1052460000**
WAP WDK10		20	**1186720000**
WAP WDK10 BL		20	**1186730000**
WEW 35/2		100	**1061200000**
SDS 1.0X5.5X150		1	**9008350000**
WAD 8 MC NE WS		48	**1112940000**
WAD 8 MC NE GE		48	**1112950000**
DEK 5/5 MC NE WS		1000	**1609801044**

Cross-connections, see section „W series accessories".

MAK 2.5 — 2.5 mm²



6.2 x 88 x 63
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

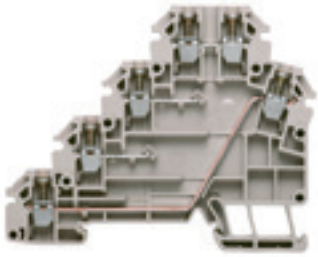
IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1	
0.5...1 / 0.5...0.75	

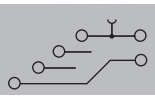
Type	Qty.	Order No.
MAK 2.5 DB	50	**7917030000**

Type	current	Qty.	Order No.
AP MAK2.5 DB		20	**7917000000**
WEW 35/1		50	**1059000000**
SDIS 0.6X3.5X100		10	**9008390000**
DEK 5/5 MC NE WS		1000	**1609801044**
VQB 1.5/50 SW	17.5 A	5	**1635120000**
VQB 1.5/50 BL	17.5 A	5	**1633280000**
VQB 1.5/50 RT	17.5 A	5	**1633290000**

VLI 1.5 — 1.5 mm²



6.15 x 79.5 x 63
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
	4 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
...4	

Type	Qty.	Order No.
VLI 1.5 DB	50	**1784120000**
VLI 1.5/PE DB	50	**1784130000**

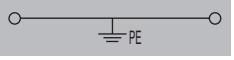
Type	current	Qty.	Order No.
AP VLI1.5 DB		20	**1784150000**
WEW 35/1		50	**1059000000**
SDIS 0.6X3.5X100		10	**9008390000**
DEK 5/5 MC NE WS		1000	**1609801044**
VQB 1.5/50 SW	17.5 A	5	**1635120000**
VQB 1.5/50 BL	17.5 A	5	**1633280000**
VQB 1.5/50 RT	17.5 A	5	**1633290000**

Screw connection with clamping yoke technology (W-Series)
PE terminal blocks

WPE 1.5/R3.5 — 1.5 mm²

Protective earth terminal (V0)

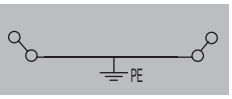
Width/Height/Depth	3.5 x 24.5 x 24
max. current / max. cond. cross-section	/ 1.5
Max. clamping range	0.13...1.5



WPE 1.5/ZZ — 1.5 mm²

Twin connection

Width/Height/Depth	5.1 x 60 x 46.5
max. current / max. cond. cross-section	/ 2.5
Max. clamping range	0.13...2.5



Technical data

Rated data		IEC 60947-7-2			
		IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	1.5	AWG 26...18	AWG 26...18	
Rated voltage to adjoining terminal	V	400			
Rated impulse withstand voltage to adjacent terminal	kV	6			
Rated short-time current		180 A (1.5 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0			
Approvals		CE SEV KEMA UL			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...1.5 / 1.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Tightening torque range (terminal screw)		0.3 Nm(M 2)			
Tightening torque range for fixing screw					
Stripping length / Blade size	mm/-	7 / 0.4 x 2.5 mm			
Note		PZ 6/5 recommended as crimping tool for 1.5 mm² with wire-end ferrule			

Rated data		IEC 60947-7-2 Ex e II II 2 G D			
		IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14	1.5 mm²
Rated voltage to adjoining terminal	V	800			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		180 A (1.5 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0			
Approvals		CE SEV BL Ex KEMA UL N UL			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...2.5 / 1.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			
Tightening torque range for fixing screw		0.4...0.6 Nm			
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
green/yellow	WPE 1.5/R3.5	100	1798460000
Note			

Type	Qty.	Order No.
WPE 1.5/ZZ	100	1016500000

Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	WAP WDU1.5/R3.5		20	1754190000
End bracket				
dark beige	EW 15		50	0382860000
Screwdriver				
Standard				
Identification systems				
	DEK 5/3.5 MC NE WS		500	1755270000
	DEK 5/3.5 MM WS		1000	2007100000
	WS 8/3.5 MM WS		1000	2007140000

Type	current	Qty.	Order No.
WAP 2.5-10		50	1050000000
WEW 35/2		100	1061200000
SDS 0.6X3.5X100		10	9008330000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

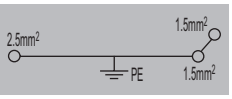
For detailed information on other accessories and application in the online catalogue

Rail support protective insulation for installation of mounting rail „SH 2" order No. 0494920000 (QTY 10).

WPE 2.5/1.5/ZR — 2.5 mm²

Supplementary connection, right 1.5 mm²

5.1 x 60 x 46.5
/ 4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
0.4...0.6 Nm
10 / 0.6 x 3.5 mm

2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WPE 2.5/1.5/ZR	100	1016400000

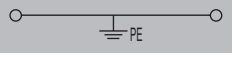
Type	current	Qty.	Order No.
WAP 2.5-10		50	1050000000
WEW 35/2		100	1061200000
SDS 0.6X3.5X100		10	9008330000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Rail support protective insulation for installation of mounting rail „SH 2" order No. 0494920000 (QTY 10).

AKE 2.5 — 2.5 mm²

Protective earth terminal

5.1 x 28 x 26
/ 4
0.13...4



IEC 60947-7-2 — Ex e II — II 2 G D

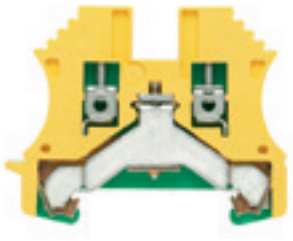
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm²
250			
4			
300 A (2.5 mm²)			
3			
A3 / V-2			

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
0.4...0.6 Nm
7 / 3.0 x 0.5 mm

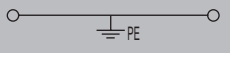
Type	Qty.	Order No.
AKE 2.5	100	1303360000

Type	current	Qty.	Order No.
DEK 5/5 MC NE WS		1000	1609801044

WPE 2.5 — 2.5 mm²



5.1 x 60 x 46.5
/ 4
0.05...4



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
0.4...0.8 Nm
10 / 0.6 x 3.5 mm

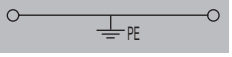
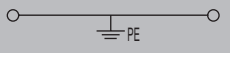
2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WPE 2.5	100	1010000000

Type	current	Qty.	Order No.
WAP 2.5-10		50	1050000000
WEW 35/2		100	1061200000
SDS 0.6X3.5X100		10	9008330000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

Screw connection with clamping yoke technology (W-Series)
PE terminal blocks

	WPE 2.5N	AKE 4
	2.5 mm²	4 mm²
	Compact design	Protective earth terminal
Width/Height/Depth mm	5.1 x 54 x 37	7 x 32 x 34.5
max. current / max. cond. cross-section -/mm²	/ 4	/ 4
Max. clamping range mm²	0.05...4 	0.13...4 

Technical data

	WPE 2.5N	AKE 4
Rated data		
for wire cross-section mm²	IEC 60947-7-2 / Ex e II / II 2 G D	IEC 60947-7-2 / Ex e II / II 2 G D
Rated voltage to adjoining terminal V	IEC: 2.5 / UL: AWG 26...12 / CSA: AWG 26...12 / EN 60079-7: 2.5 mm²	IEC: 4 / UL: AWG 26...12 / CSA: AWG 26...12 / EN 60079-7: 4 mm²
Rated impulse withstand voltage to adjacent terminal kV	500	500
Rated short-time current	6	6
Pollution severity	300 A (2.5 mm²)	
Gauge to IEC 60947-1 / UL 94 flammability rating	3	3
Approvals	A3 / V-0	A3 / V-2
	CE SB UL Ex KTEA Lloyd's VL	CE SB VL
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	Rated connection: 0.5...4 / 1.5...4	Rated connection: 0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	0.5...1 Nm (M 3)
Tightening torque range for fixing screw	0.4...0.6 Nm	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	9 / 0.6 x 3.5 mm
Note	2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).	

Ordering data

	WPE 2.5N	AKE 4
Version		
green/yellow		
Note		
Type	WPE 2.5N	AKE 4
Qty.	100	100
Order No.	**1016200000**	**0380260000**

Accessories

	WPE 2.5N	AKE 4
End plate / Partition plate		
dark beige		
End bracket		
dark beige		
Screwdriver		
Standard		
Identification systems		
Type	WAP WDU2.5N/4N	
current		
Qty.	50	
Order No.	**1060000000**	
	WEW 35/2	
	100	
	1061200000	
	SDS 0.6X3.5X100	
	10	
	9008330000	
	DEK 5/5 MC NE WS	DEK 5/6.5 MC NE WS
	1000	900
	1609801044	**1609840000**
	WS 12/5 MC NE WS	
	720	
	1609860000	
	DEK 5/5 MM WS	
	800	
	2007110000	
	WS 8/5 MM WS	
	800	
	2007150000	
For detailed information on other accessories and application in the online catalogue	Rail support for protective-insulated installation of mounting rail „SH 2“, order no. 0494920000 (QTY 10).	

WPE 4 — 4 mm²

6.1 x 56 x 46.5
/ 6
0.13...6

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1 Nm (M 3)
0.4...0.8 Nm
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4	100	1010100000

Type	current	Qty.	Order No.
WEW 35/2		100	1061200000
SDS 0.6X3.5X100		10	9008330000
DEK 5/6 MC NE WS		1000	1609820000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

WPE 4/ZZ — 4 mm²

Twin connection

6.1 x 70 x 53
/ 6
0.05...6

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZZ	50	1905130000

Type	current	Qty.	Order No.
WAP WDU/WTR4/ZZ		50	1905150000
WEW 35/2		100	1061200000
SDS 0.6X3.5X100		10	9008330000
DEK 5/6 MC NE WS		1000	1609820000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

WPE 4/ZR — 4 mm²

Additional connection, right side

6.1 x 63.5 x 52.8
/ 6
0.05...6

IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZR	50	1905120000

Type	current	Qty.	Order No.
WAP WDU/WTR4/ZR		50	1905070000
WEW 35/2		100	1061200000
SDS 0.6X3.5X100		10	9008330000
DEK 5/6 MC NE WS		1000	1609820000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

Screw connection with clamping yoke technology (W-Series)
PE terminal blocks

	WPE 4N	WPE 6
	4 mm²	6 mm²
	Compact design	
Width/Height/Depth mm	6.1 x 50 x 37	7.9 x 56 x 46.5
max. current / max. cond. cross-section -/mm²	/ 6	/ 10
Max. clamping range mm²	0.13...6	0.08...10

Technical data

	WPE 4N	WPE 6
Rated data		
for wire cross-section mm²	IEC 60947-7-2 / Ex e II / II 2 G D	IEC 60947-7-2 / Ex e II / II 2 G D
	IEC: 4 / UL: AWG 26...10 / CSA: AWG 26...10 / EN 60079-7: 4 mm²	IEC: 6 / UL: AWG 20...8 / CSA: AWG 20...8 / EN 60079-7: 6 mm²
Rated voltage to adjoining terminal V	500	800
Rated impulse withstand voltage to adjacent terminal kV	6	8
Rated short-time current	480 A (4 mm²)	720 A (6 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A5 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6 / 1.5...6	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...10 / 0.5...6
Tightening torque range (terminal screw)	0.5...1 Nm (M 3)	0.8...1.3 Nm (M 3)
Tightening torque range for fixing screw		0.5...1.0 Nm
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	12 / 4.0 x 0.8 mm
Note		Tighten H07V-..10 and AWG 8 conductors to 1.4-1.6 Nm.

Ordering data

Version	Type	Qty.	Order No.
green/yellow	WPE 4N	100	1042700000
Note			

Type	Qty.	Order No.
WPE 6	50	1010200000

Accessories

	Type	current	Qty.	Order No.
End plate / Partition plate				
dark beige	WAP WDU2.5N/4N		50	1060000000
End bracket				
dark beige	WEW 35/2		100	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 12/6 MC NE WS		600	1609900000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000
PEN bridge				

Type	current	Qty.	Order No.
WEW 35/2		100	1061200000
SDS 0.8X4.0X100		1	9008340000
DEK 5/6.5 MC NE WS		900	1609840000
WS 12/6.5 MC NE WS		540	1609920000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

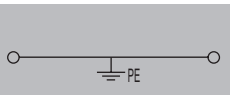
For detailed information on other accessories and application in the online catalogue

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

WPE 10 — 10 mm²

9.9 x 56 x 46.5
/ 16
1.31...16



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10 mm²
1000			
8			
1200 A (10 mm²)			
3			
B6 / V-0			

Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...1.8 Nm (M 4)
0.5...1.0 Nm
12 / 1.0 x 5.5 mm

Tighten AWG 6/7 and H07V-R16 to 2.4 Nm.

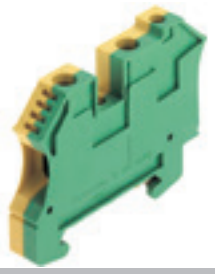
Type	Qty.	Order No.
WPE 10	50	**1010300000**

Type	current	Qty.	Order No.
WEW 35/2		100	**1061200000**
SDS 1.0X5.5X150		1	**9008350000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**
WQB-PEN 10	57 A	10	**1060300000**

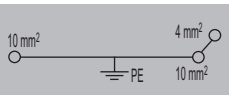
Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

WPE 10/ZR — 10 mm²

Additional connection on right 4 mm²



9.9 x 66 x 49
/ 16
1.31...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 14...6	
1000			
8			
1200 A (10 mm²)			
3			
B6, A4 / V-0			

Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...1.8 Nm (M 4)
0.5...1.0 Nm
12 / 0.6 x 3.5 mm

Max. conductor cross-sections refer to 10 mm² and 16 mm² connections. Tighten AWG 6/7 and H07V-R16 to 2.4 Nm.

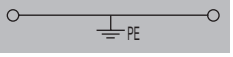
Type	Qty.	Order No.
WPE 10/ZR	50	**1042500000**

Type	current	Qty.	Order No.
WEW 35/2		100	**1061200000**
SDS 0.6X3.5X100		10	**9008330000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**
WQB-PEN 10	57 A	10	**1060300000**

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

WPE 16 — 16 mm²

11.9 x 56 x 62.5
/ 25
1.5...25



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...6	16 mm²
1000			
8			
1920 A (16 mm²)			
3			
B7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...25 / 1.5...16
2...3.6 Nm (M 5)
1.2...2.4 Nm
16 / 1.0 x 5.5 mm

For 25 mm², TS 35 x 15 (steel, 1.5 mm thick) should be used. Tighten H07V-..16 and AWG 6 conductors to 2.0-2.4 Nm.

Type	Qty.	Order No.
WPE 16	50	**1010400000**

Type	current	Qty.	Order No.
WEW 35/1		50	**1059000000**
SDS 1.0X5.5X150		1	**9008350000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**
WQB-PEN 16	76 A	10	**1060200000**

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

Screw connection with clamping yoke technology (W-Series)
PE terminal blocks

	WPE 16N	WPE 35
	16 mm²	**35 mm²**
	Compact design	
Width/Height/Depth mm	12 x 56 x 46.5	16 x 56 x 62.5
max. current / max. cond. cross-section -/mm²	**/ 25**	**/ 35**
Max. clamping range mm²	**1.5...25**	**2.5...35**

Technical data

	WPE 16N	WPE 35
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2 Ex e II II 2 G D
	IEC: 16 / UL: AWG 14...6 / CSA: AWG 14...6 / EN 60079-7:	IEC: 35 / UL: AWG 12...2 / CSA: AWG 12...2 / EN 60079-7: 35 mm²
Rated voltage to adjoining terminal V	400	800
Rated impulse withstand voltage to adjacent terminal kV	6	8
Rated short-time current	1920 A (16 mm²)	4200 A (35 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	B7 / V-0	B8 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	1.5...16 / 1.5...25	2.5...16 / 2.5...35
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16	2.5...35 / 2.5...35
Tightening torque range (terminal screw)	1.2...2.4 Nm (M 4)	5 Nm(M 6)
Tightening torque range for fixing screw	0.5...1.0 Nm	1.2...2.4 Nm
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	18 / 6.5 x 1.2 mm
Note	25 mm² stranded requires a tightening torque of 2.2 Nm.	

Ordering data

Version	Type	Qty.	Order No.
green/yellow	WPE 16N	50	**1019100000**
	WPE 35	25	**1010500000**

Accessories

	Type	current	Qty.	Order No.
PEN bridge				
	WQV 16N-PEN BL	76 A	10	**1071360000**
	WQB-PEN 35	135 A	10	**1060100000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
	WEW 35/1		50	**1059000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**9008350000**
	SDS 1.2X6.5X150		1	**9009010000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**

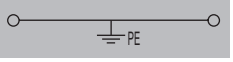
For detailed information on other accessories and application in the online catalogue

Rail support for protective-insulated installation of mounting rail „SH 2“, order no. 0494920000 (QTY 10).

Rail support for protective-insulated installation of mounting rail „SH 2“, order no. 0494920000 (QTY 10).

WPE 35/IKSC — 35 mm²

16 x 56 x 62.5
/ 35
2.5...35



IEC 60947-7-2 — Ex e II

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	
800			
8			
4200 A (35 mm²)			
3			
B8 / V-0			

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
5 Nm(M 6)
1.2...2.4 Nm
18 / 6.5 x 1.2 mm

Type	Qty.	Order No.
WPE 35/IKSC	25	**1012600000**

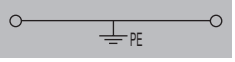
Type	current	Qty.	Order No.
WQB-PEN 35	135 A	10	**1060100000**
WEW 35/1		50	**1059000000**
SDS 1.2X6.5X150		1	**9009010000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

WPE 35N — 35 mm²

Compact design

16 x 66 x 50.5
/ 50
2.5...50



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
35			
400			
6			
4200 A (35 mm²)			
3			
B8 / V-0			

Rated connection
2.5...16 / 2.5...50
2.5...35 / 2.5...35
4...5 Nm (M 6)
1.2...2.4 Nm
18 / 6.5 x 1.2 mm

Type	Qty.	Order No.
WPE 35N	20	**1717740000**

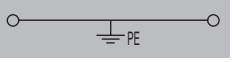
Type	current	Qty.	Order No.
WEW 35/2		100	**1061200000**
SDS 1.2X6.5X150		1	**9009010000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

WPE 50N — 50 mm²

Compact design

18.5 x 71 x 69.6
/ 70
5.26...70



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	50 mm²
1000			
8			
6000 A (50 mm²)			
3			
B10 / V-0			

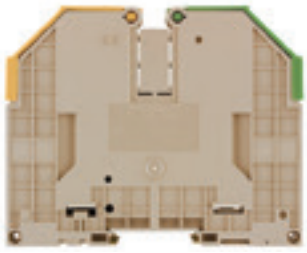
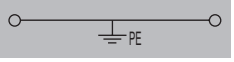
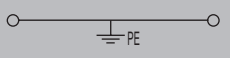
Rated connection
10...16 / 10...70
10...50 / 10...50
4...6 Nm (M 6)
3.0...4.0 Nm
24 / S4 (DIN 6911)

For 50 and 70 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Type	Qty.	Order No.
WPE 50N	10	**1846040000**

Type	current	Qty.	Order No.
WQV PEN 50N	150 A	5	**9201610000**
WEW 35/1		50	**1059000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

	WPE 70N/35	WPE 70/95
	70 mm²	95 mm²
	Compact design	Conductor can be inserted from above / leaf spring
		
Width/Height/Depth mm	20.5 x 75 x 85	27 x 132 x 107
max. current / max. cond. cross-section -/mm²	/ 95	/ 120
Max. clamping range mm²	10...95	13.3...120
		

Technical data

	WPE 70N/35	WPE 70/95
	IEC 60947-7-2 Ex e II II 2 G D	IEC 60947-7-2 Ex e II II 2 G D
Rated data		
for wire cross-section mm²	70 / AWG 6...0 / AWG 6...0 / 70 mm²	95 / AWG 6...0 / AWG 6...0 / 70 mm²
Rated voltage to adjoining terminal V	1000	1000
Rated impulse withstand voltage to adjacent terminal kV	8	8
Rated short-time current	8400 A (70 mm²)	11400 A (95 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	B11 / V-0	B12 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	10...16 / 10...95	16...16 / 16...120
Flexible / Flexible with ferrule mm²	10...70 / 10...70	16...95 / 16...95
Tightening torque range (terminal screw)	8...12 Nm (M 8)	6...12 Nm (M 8)
Tightening torque range for fixing screw	2.0...4.0 Nm	3.0...6.0 Nm
Stripping length / Blade size mm/-	22 / S6 (DIN 6911)	30 / S6 (DIN 6911)
Note	For 50 - 95 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.	For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Ordering data

Version	Type	Qty.	Order No.
green/yellow	WPE 70N/35	10	9512200000
	WPE 70/95	10	1037300000

Note

Accessories

	WPE 70N/35			WPE 70/95		
	Type	current	Qty. / Order No.	Type	current	Qty. / Order No.
PEN bridge	WQV 70N-PEN	192 A	5 / 9525840000	WQV 70/95-PEN	192 A	5 / 1072300000
End bracket	WEW 35/1		50 / 1059000000	WEW 35/1		50 / 1059000000
dark beige						
Screwdriver						
Standard	DEK 5/5 MC NE WS		1000 / 1609801044	DEK 5/5 MC NE WS		1000 / 1609801044
Identification systems	WS 12/6.5 MC NE WS		540 / 1609920000	WS 12/6.5 MC NE WS		540 / 1609920000

For detailed information on other accessories and application in the online catalogue

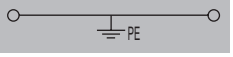
Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

WPE 95N/120N — 95 mm²

Compact design

27 x 91 x 90
/ 150
16...150



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 4...0	AWG 4...0	120 mm²
1000			
8			
11400 A (95 mm²)			
3			
B13 / V-0			

Rated connection
16...16 / 16...150
16...120 / 16...95
16...20 Nm (M 10)
3.0...4.0 Nm
27 / S6 (DIN 6911)

For 50 - 150 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

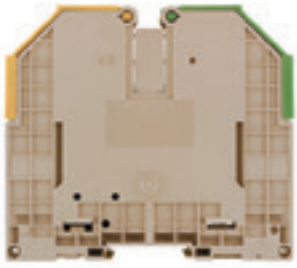
Type	Qty.	Order No.
WPE 95N/120N	5	**1846030000**

Type	current	Qty.	Order No.
WQV PEN 95N/120N		5	**9201630000**
WEW 35/1		50	**1059000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

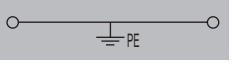
Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

WPE 120/150 — 120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 117
/ 150
33.62...150



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	120 mm²
1000			
8			
14400 A (120 mm²)			
3			
B13 / V-0			

Rated connection
/ 35...150
35...150 / 35...95
10...20 Nm (M 10)
3.0...6.0 Nm
35 / S6 (DIN 6911)

For 50 - 150 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

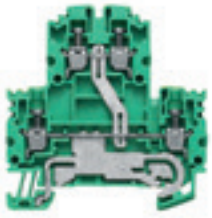
Type	Qty.	Order No.
WPE 120/150	10	**1019700000**

Type	current	Qty.	Order No.
WQV 120-PEN	269 A	5	**1072400000**
WEW 35/1		50	**1059000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

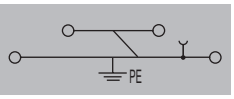
Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

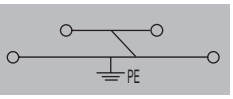
Screw connection with clamping yoke technology (W-Series)
PE terminal blocks

	WDK 2.5 PE	2.5 mm²	WDK 2.5N PE	2.5 mm²
			Compact design	



Width/Height/Depth	mm	5.1 x 69.5 x 62.5	5.1 x 60.7 x 54.95
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.05...4	0.05...4





Technical data

Rated data		IEC 60947-7-2		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	2.5	AWG 22...12	AWG 26...12	2.5 mm²
Rated voltage to adjoining terminal	V	400			
Rated impulse withstand voltage to adjacent terminal	kV	6			
Rated short-time current		300 A (2.5 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0			
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			
Tightening torque range for fixing screw					
Stripping length / Blade size	mm/-	10 /			
Note		2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).			

Rated data		IEC 60947-7-2		Ex e II	II 2 G D
		IEC	UL	CSA	EN 60079-7
for wire cross-section	mm²	2.5		AWG 26...12	2.5 mm²
Rated voltage to adjoining terminal	V	800			
Rated impulse withstand voltage to adjacent terminal	kV	8			
Rated short-time current		300 A (2.5 mm²)			
Pollution severity		3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0			
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)			
Tightening torque range for fixing screw					
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note		2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).			

Ordering data

Version		Type	Qty.	Order No.
	green/yellow	WDK 2.5PE	100	1036300000
Note				

Type	Qty.	Order No.
WDK 2.5N PE	100	1041620000

Accessories

Screwable cross-connection		Type	current	Qty.	Order No.
	2-pole	WQV 2.5/2	32 A	50	1053660000
	10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate					
	dark beige	WAP WDK2.5		20	1059100000
	Blue				
	dark beige				
End bracket					
	dark beige	WEW 35/2		100	1061200000
Screwdriver					
	Standard	SDS 0.6X3.5X100		10	9008330000
Identification systems					
		DEK 5/5 MC NE WS		1000	1609801044
		WS 8/5 MC NE WS		720	1640740000
		DEK 5/5 MM WS		800	2007110000
		WS 8/5 MM WS		800	2007150000
Cover					
	Blank, white				
	Blank, yellow				

Type	current	Qty.	Order No.
WAP WDK2.5/4 N		20	1084000000
WAP WDK2.5/4 N BL		20	1084080000
WTW EN		20	1058800000
WEW 35/2		100	1061200000
SDS 0.6X3.5X100		10	9008330000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

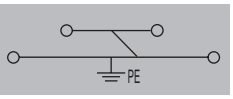
Rail support protective insulation for installation of mounting rail „SH 2" order No. 0494920000 (QTY 10).

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10). Cross-connections, see section „W series accessories".

WDK 4N PE — 4 mm²

Compact design

6.1 x 60.7 x 63.25
/ 6
0.13...6



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

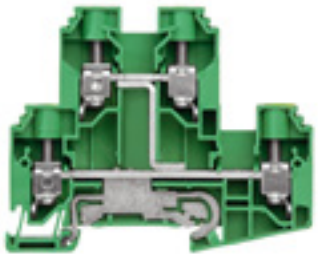
Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...1 Nm (M 3)
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 4N PE	100	**1041920000**

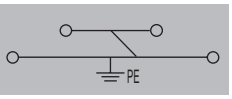
Type	current	Qty.	Order No.
WAP WDK2.5/4 N		20	**1084000000**
WEW 35/2		100	**1061200000**
SDS 0.6X3.5X100		10	**9008330000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 8/6 PLUS MC NE WS		600	**1951880000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Rail support protective insulation for installation of mounting rail „SH 2" order No. 0494920000 (QTY 10).

WDK 10 PE — 10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 18...6	AWG 18...6	
800			
8			
1200 A (10 mm²)			
3			
B6 / V-0			

Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...1.9 Nm (M 4)
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WDK 10 PE	50	**1415470000**

Type	current	Qty.	Order No.
WQV 10/2	57 A	50	**1052560000**
WQV 10/10	57 A	20	**1052460000**
WAP WDK10		20	**1186720000**
WAP WDK10 BL		20	**1186730000**
WEW 35/2		100	**1061200000**
SDS 1.0X5.5X150		1	**9008350000**
DEK 5/5 MC NE WS		1000	**1609801044**
WAD 8 MC NE WS		48	**1112940000**
WAD 8 MC NE GE		48	**1112950000**

Cross-connections, see section „W series accessories".

WSI 4 — 4 mm²

Width/Height/Depth	8 x 50.7 x 42.5 mm
max. current / max. cond. cross-section	**6.3 / 4** A/mm²
Max. clamping range	**0.5...4** mm²

WSI 4

Overload and short-circuit protection

Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500	300 (C)	300 (C)	
Rated current (A)	6.3	15	15	
for wire cross-section (mm²)	4	AWG 30...12	AWG 30...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...4 / 1.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	0.4...0.4 Nm (M 3)
Blade size	0.6 x 3.5 mm

Note

Type	Order No.
WSI 4	**1886580000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	63 °C	4.0 W / 6.3 A	34 °C	1.6 W / 6.3 A
In combination	47 °C	2.5 W / 6.3 A	23 °C	1.6 W / 6.3 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 4	50	**1886580000**
10-36 V AC/DC, with LED	WSI 4/LD 10-36V AC/DC	50	**1886590000**
30-70 V AC/DC, with LED	WSI 4/LD 30-70V AC/DC	50	**1886560000**
60-150 V AC/DC, with LED	WSI 4/LD 60-150V AC/DC	50	**1886570000**
140-250 V AC/DC, with LED	WSI 4/LD 140-250V AC/DC	50	**1886550000**

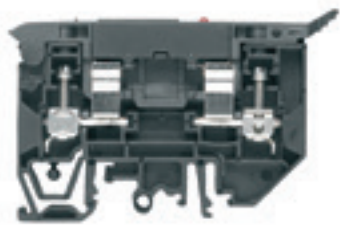
Note

Accessories

End bracket	Type	current	Qty.	Order No.
dark beige	WEW 35/2		100	**1061200000**
Screwdriver				
With „swifty set" cutting device	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		10	**9008330000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6 MC NE WS		600	**1609900000**

For detailed information on other accessories and application in the online catalogue

WSI 4/2 — 4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

9.1 x 81.6 x 53.5
6.3 / 4
0.5...4

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	
4	AWG 30...10	AWG 30...10	
	6 kV / 3		
	V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...0.8 Nm (M 3)
0.6 x 3.5 mm

Width/height/depth = 9.1 x 58.5 x 81.6 mm

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 4/2	25	1880430000
10-36 V AC/DC, with LED	WSI 4/2/LD 10-36V AC/DC	25	1880410000
30-70 V AC/DC, with LED	WSI 4/2/LD 30-70V AC/DC	25	1880440000
60-150 V AC/DC, with LED	WSI 4/2/LD 60-150V AC/DC	25	1880420000
140-250 V AC/DC, with LED	WSI 4/2/LD 140-250V AC/DC	25	1880390000

Note

Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	WAP WSI4/2		50	1880450000
End bracket				
dark beige	WEW 35/2		100	1061200000
Screwdriver				
With „swifty set" cutting device	SWIFTY SET		1	9006060000
Standard	SDS 0.6X3.5X100		10	9008330000
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	0294500000
2.00 A fast / 5 A	GZ 5.0A		10	0294600000
4.00 A fast / 10 A	GZ 10.0A		10	0293900000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6 MC NE WS		600	1609900000

For detailed information on other accessories and application in the online catalogue

WSI 4/2

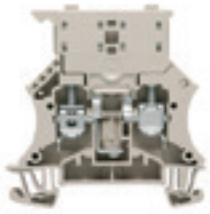
Overload and short-circuit protection

Type	Order No.
WSI 4/2	1880430000

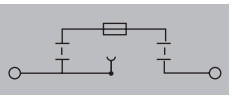
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	55 °C	4.0 W / 10 A	35 °C	2.5 W / 2.5 A
In combination	68 °C	2.5 W / 2.5 A	41 °C	1.6 W / 1.0 A

WSI 6 — 6 mm²

Metric fuses



Width/Height/Depth	7.9 x 60 x 61 mm
max. current / max. cond. cross-section	**6.3 / 10** A/mm²
Max. clamping range	**0.5...10** mm²



WSI 6

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
6.3	9.5	10	
6	AWG 22...8	AWG 20...8	
	6 kV / 3		
	V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
0.8 x 4.0 mm

Type	Order No.
WSI 6	**1011000000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	42 °C	4.0 W / 6.3 A	31 °C	1.6 W / 3.0 A
In combination	36 °C	225 W / 6.3 A	27 °C	1.6 W / 3.0 A

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 6	50	**1011000000**
10-36 V AC/DC, with LED			
30–70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			

Note

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Accessories

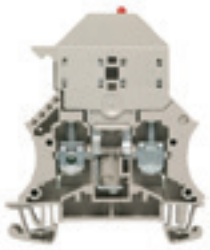
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK6N	32 A	50	**0194300000**
10-pole	QL 10 SAK6N	32 A	20	**0338300000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Screwdriver				
	SDS 0.8X4.0X100		1	**9008340000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**
	DEK 5/8 MM WS		500	**2007130000**
	WS 8/8 MM WS		500	**2007170000**

For detailed information on other accessories and application in the online catalogue

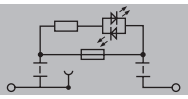
Markers only fit on one side. Cross-connections, see section „W series accessories".

WSI 6 LD — 6 mm²

Metric fuses / bipolar LED



Width/Height/Depth	mm	7.9 x 60 x 71.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal				
Rated current	6.3			
for wire cross-section	6	AWG 22...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...10 / 1.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6			
Tightening torque range (terminal screw)	0.8...1.6 Nm (M 3.5)			
Blade size	0.8 x 4.0 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10-36 V AC/DC, with LED	WSI 6/LD 10-36V DC/AC	50	**1011300000**
30-70 V AC/DC, with LED	WSI 6/LD 30-70V DC/AC	50	**1012200000**
60-150 V AC/DC, with LED	WSI 6/LD 60-150V DC/AC	50	**1012300000**
140-250 V AC/DC, with LED	WSI 6/LD 250AC	50	**1012400000**

Note

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Accessories

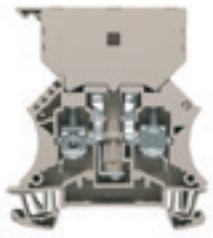
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK6N	32 A	50	**0194300000**
10-pole	QL 10 SAK6N	32 A	20	**0338300000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Screwdriver				
	SDS 0.8X4.0X100		1	**9008340000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**
	DEK 5/8 MM WS		500	**2007130000**
	WS 8/8 MM WS		500	**2007170000**

For detailed information on other accessories and application in the online catalogue

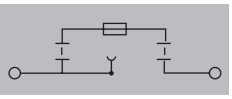
Markers only fit on one side. Cross-connections, see section „W series accessories".

WSI 6/2 — 6 mm²

Imperial fuses



Width/Height/Depth	11.9 x 60 x 66.5 mm
max. current / max. cond. cross-section	**6.3 / 10** A/mm²
Max. clamping range	**0.5...10** mm²



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	500	600 (C)	150 (C)	
Rated current	6.3	16	16	
for wire cross-section	6	AWG 22...8	AWG 20...6	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6
Tightening torque range (terminal screw)	0.8...1.6 Nm (M 3.5)
Blade size	0.8 x 4.0 mm

Note

Fuse inserts or contact sleeves should be attached in the middle.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 6/2 GZ/DEF63	25	**1014000000**
10-36 V AC/DC, with LED			
30–70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
140-250 V AC/DC, with LED			

Note

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	**0294500000**
2.00 A fast / 5 A	GZ 5.0A		10	**0294600000**
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section „W series accessories".

WSI 6/2

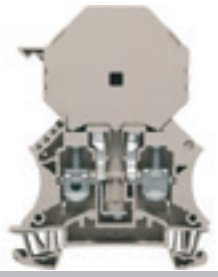
Overload and short-circuit protection

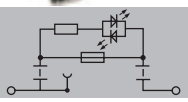
Type	Order No.
WSI 6/2 GZ/DEF63	**1014000000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

WSI 6/2 m. LED — 6 mm²

Imperial fuses / bipolar LED





Width/Height/Depth	mm	11.9 x 60 x 78.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**

Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal				
Rated current	6.3			
for wire cross-section	6	AWG 22...8	AWG 20...6	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...10 / 1.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6			
Tightening torque range (terminal screw)	0.8...1.6 Nm (M 3.5)			
Blade size	0.8 x 4.0 mm			

Note	
	Fuse inserts or contact sleeves should be attached in the middle.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10-36 V AC/DC, with LED	WSI 6/2/LD 10-36V DC/AC	25	**1014100000**
30-70 V AC/DC, with LED	WSI 6/2/LD 30-70V DC/AC	25	**1014200000**
60-150 V AC/DC, with LED	WSI 6/2/LD 60-150VDC/AC	25	**1014300000**
140-250 V AC/DC, with LED	WSI 6/2/LD 250AC	25	**1014400000**

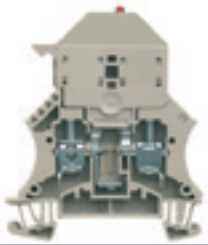
Note	
	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Accessories

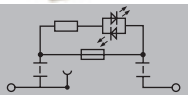
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	**0294500000**
2.00 A fast / 5 A	GZ 5.0A		10	**0294600000**
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue	Markers only fit on one side. Cross-connections, see section „W series accessories".

	WSI 6/LD LLC	6 mm²



Width/Height/Depth	mm	7.9 x 60 x 71.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500			
Rated current A	6.3			
for wire cross-section mm²	6	AWG 22...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			/ 3	
UL 94 flammability rating			V-0	
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...10 / 1.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6			
Tightening torque range (terminal screw)	0.8...1.6 Nm (M 3.5)			
Blade size	0.8 x 4.0 mm			

Note	

Ordering data

Version	Type	Qty.	Order No.
10-36 V AC/DC, with LED	WSI 6/LD 10-36V LLC	50	**1119840000**
30–70 V AC/DC, with LED	WSI 6/LD 30-70V LLC	50	**1119830000**
60-150 V AC/DC, with LED	WSI 6/LD 60-150V LLC	50	**1119850000**
140-250 V AC/DC, with LED	WSI 6/LD 250AC LLC	50	**1119870000**

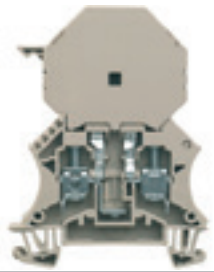
Note	

Accessories

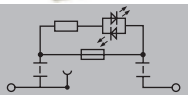
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK6N	32 A	50	**0194300000**
10-pole	QL 10 SAK6N	32 A	20	**0338300000**
Mounting screw	KISC M3X20 SAK10 CU5		100	**0377100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Screwdriver				
	SDS 0.8X4.0X100		1	**9008340000**
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**
	DEK 5/8 MM WS		500	**2007130000**
	WS 8/8 MM WS		500	**2007170000**

For detailed information on other accessories and application in the online catalogue	Markers only fit on one side. Cross-connections, see section „W series accessories".

WSI 6/2/LD LLC — 6 mm²



Width/Height/Depth	mm	11.9 x 60 x 78.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500			
Rated current (A)	6.3			
for wire cross-section (mm²)	6	AWG 22...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity		/ 3		
UL 94 flammability rating		V-0		
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...10 / 1.5...10			
Flexible / Flexible with ferrule (mm²)	0.5...10 / 0.5...6			
Tightening torque range (terminal screw)	0.8...1.6 Nm (M 3.5)			
Blade size	0.8 x 4.0 mm			
Note				

Ordering data

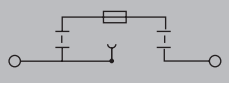
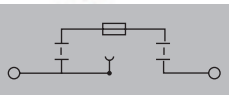
Version	Type	Qty.	Order No.
10-36 V AC/DC, with LED	WSI 6/2/LD 10-36V LLC	25	**1119800000**
30–70 V AC/DC, with LED	WSI 6/2/LD 30-70V LLC	25	**1119810000**
60-150 V AC/DC, with LED	WSI 6/2/LD 60-150V LLC	25	**1119820000**
140-250 V AC/DC, with LED	WSI 6/2/LD 250AC LLC	25	**1119790000**
Note			

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	GZ 2.0A		10	**0294500000**
2.00 A fast / 5 A	GZ 5.0A		10	**0294600000**
4.00 A fast / 10 A	GZ 10.0A		10	**0293900000**
Screwdriver				
	SDS 0.8X4.0X100		1	**9008340000**
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section „W series accessories".

	WSI 25 10x38	25 mm²	WSI 25 CC	25 mm²
Width/Height/Depth mm	18 x 81 x 58		18 x 81 x 58	
max. current / max. cond. cross-section A/mm²	**32 / 25**		**32 / 25**	
Max. clamping range mm²	**1.5...25**		**1.5...25**	

Technical data

Rated data		IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	690		600 (C)	
Rated current	A	32		30	
for wire cross-section	mm²	25		AWG 18...3	
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
UL 94 flammability rating				V-0	
Approvals		CE, CSA, cULus			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	1.5...25 / 1.5...25			
Flexible / Flexible with ferrule	mm²	1.5...25 / 1.5...25			
Tightening torque range (terminal screw)		2...2.5 Nm			
Blade size					
Note		Suitable for fuse inserts acc. to IEC 60269-6 with power losses up to 3 W maximum.440 V DC			

Rated data		IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	690			
Rated current	A	32			
for wire cross-section	mm²	25		AWG 18...3	
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
UL 94 flammability rating				V-0	
Approvals		CE, CSA			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	1.5...25 / 1.5...25			
Flexible / Flexible with ferrule	mm²	1.5...25 / 1.5...25			
Tightening torque range (terminal screw)		2...2.5 Nm			
Blade size					
Note		Suitable for fuse cartridges in accordance with IEC 60269-6 with power losses up to max. 3 W.Suitable for fuse cartridges in accordance with UL 248-4.			

Ordering data

Version	Type	Qty.	Order No.
1-pin, without LED	WSI 25/1 10x38	12	**1966020000**
2-pin, without LED	WSI 25/2 10x38	6	**1966090000**
3-pin, without LED	WSI 25/3 10x38	4	**1966080000**
1-pin, with LED	WSI 25/1 10x38/LED	12	**1966060000**
Note	1000 VDC rated voltage tested.		

Version	Type	Qty.	Order No.
1-pin, without LED	WSI 25/1 CC	12	**1966050000**
2-pin, without LED	WSI 25/2 CC	6	**1966040000**
3-pin, without LED	WSI 25/3 CC	4	**1966030000**
1-pin, with LED	WSI 25/1 CC/LED	12	**1966070000**

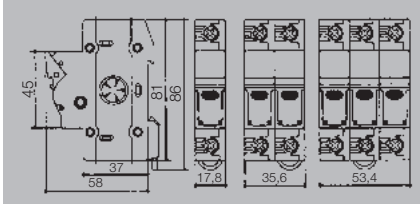
Accessories

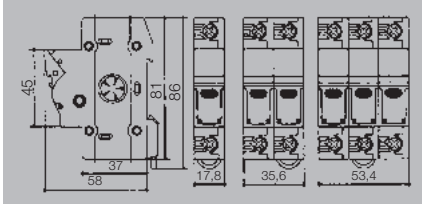
Identification systems	Type	current	Qty.	Order No.
Marking tags	ESG 6/15 K MC NE WS		200	**1880100000**

Identification systems	Type	current	Qty.	Order No.
Marking tags	ESG 6/15 K MC NE WS		200	**1880100000**

For detailed information on other accessories and application in the online catalogue

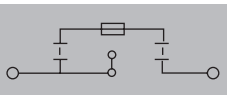
Technical drawing





WSI 25/1 10x38 1KV — 25 mm²

Width/Height/Depth	mm	18 x 81 x 58
max. current / max. cond. cross-section	A/mm²	**30 / 25**
Max. clamping range	mm²	**1.5...25**



Technical data

IEC 60269-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	1000		600 (C)	
Rated current (A)	30		30	
for wire cross-section (mm²)	25		AWG 18...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	1.5...25 / 1.5...25			
Flexible / Flexible with ferrule (mm²)	1.5...25 / 1.5...25			
Tightening torque range (terminal screw)	2...2.5 Nm			
Blade size				

Note
Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.

Ordering data

Version	Type	Qty.	Order No.
1-pin, without LED	WSI 25/1 10x38 1KV	12	**1137790000**
1-pin, with LED	WSI 25/1 10X38/LED 1KV	12	**1137780000**

Note

Accessories

Safety fuses	Type	current	Qty.	Order No.
2 A	FUSE 1KV DC 2A 10/38		10	**1224870000**
4 A	FUSE 1KV DC 4A 10/38		10	**1224880000**
6 A	FUSE 1KV DC 6A 10/38		10	**1224890000**
8 A	FUSE 1KV DC 8A 10/38		10	**1224900000**
10 A	FUSE 1KV DC 10A 10/38		10	**1224910000**
12 A	FUSE 1KV DC 12A 10/38		10	**1224920000**
16 A	FUSE 1KV DC 16A 10/38		10	**1224930000**
20 A	FUSE 1KV DC 20A 10/38		10	**1224950000**

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)
Fuse terminal blocks

		SAKS 2/35 DB	10 mm²	SAKS 4/35 DB	10 mm²
		D fuses E 16		D 01 fuses E 14	

Width/Height/Depth	mm	27.6 x 80 x 73.5	24 x 75 x 65
max. current / max. cond. cross-section	A/mm²	**10 / 16**	**16 / 16**
Max. clamping range	mm²	**0.22...16**	**0.22...16**

Technical data

		IEC 60947-7-3				IEC 60947-7-3			
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage to adjoining terminal	V	500		600 (C)		400	600 (C)	600 (C)	
Rated current	A	10		25		16	30	30	
for wire cross-section	mm²	10		AWG 22...8		10	AWG 26...8	AWG 22...8	
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3			
UL 94 flammability rating		V-0, 5VA				V-0, 5VA			
Approvals		CE CSA GL				CE CSA GL			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...16 / 0.5...10				0.5...16 / 0.5...10			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...10				0.5...10 / 0.5...10			
Tightening torque range (terminal screw)		1.2...2.4 Nm (M 4)				1.2...2.4 Nm (M 4)			
Blade size		1.0 x 5.5 mm				1.0 x 5.5 mm			
Note		Connections for stranded conductors from 10 mm² and AWG conductors require a tightening torque of 2 Nm.				400 V also with Neozed marine engineering fuse. On connection of over 10 mm² stranded and 7-wire AWG conductors, the tightening torque is 2 Nm.			

Ordering data

Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
500 V AC/DC, without LED		SAKS 2/35 DB	20	**1368700000**	SAKS 4/35 DB	20	**0501800000**
Note		Material Duroplast KRG			Material Duroplast KRG		

Accessories

Screwable cross-connection		**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
2-pole		QL 2 SAKS2	36 A	20	**0207800000**	QL 2 SAKS4	36 A	20	**0328000000**
10-pole		QL 10 SAKS2	36 A	20	**0338900000**	QL 10 SAKS4	36 A	20	**0339000000**
Lock washer		SS M4 D 128-A 4		100	**0136400000**	SS M4 D 128-A 4		100	**0136400000**
Mounting screw		BFSC M4X9T		100	**0103300000**	BFSC M4X9T		100	**0103300000**
End plate / Partition plate									
dark beige		WTW EN		20	**1058800000**	WTW EN		20	**1058800000**
Screw cover cap									
SK		SK E16/SAKS2		25	**0284110000**	SK E14 SAKS4		20	**0339410000**
Fuse cartridges									
		E 16/10A RT TNDZ		25	**0208500000**	E 14/2A RS		10	**0137400000**
		E 16/16A GR TNDZ		25	**0208600000**	E 14/4A BR		10	**0137500000**
		E 16/20A BL TNDZ		25	**0208700000**	E 14/6A GN		10	**0328300000**
		E 16/25A GE TNDZ		25	**0208800000**	E 14/10A RT		10	**0328400000**
Gauge rings									
		P 16/16 GR SAKS2		100	**0209000000**	P 14/4 D01 BR SAKS4		50	**0138100000**
		P 16/10 RT SAKS2		100	**0208900000**	P 14/2 D01 RS SAKS4		50	**0138000000**
Identification systems									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue	Replacement screw cover cap, order no. 0284110000 (QTY 20) Cross-connections, see section „W series accessories".	Replacement screw cover cap, order no. 0339410000 (QTY 20) Cross-connections, see section „W series accessories".

SAKS 5/35 DB — 16 mm²

D 02 fuse E 18

Width/Height/Depth	mm	28 x 80 x 65
max. current / max. cond. cross-section	A/mm²	**63 / 16**
Max. clamping range	mm²	**1.5...16**

Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	400	600 (C)	600 (C)	
Rated current A	63	40	63	
for wire cross-section mm²	16	AWG 14...6	AWG 14...6	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0, 5VA	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	1.5...16 / 1.5...16
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16
Tightening torque range (terminal screw)	1.2...2.4 Nm (M 4)
Blade size	1.0 x 5.5 mm

Note

400 V also with Neozed marine engineering fuse. On connection of over 10 mm² stranded and 7-wire AWG conductors, the tightening torque is 2 Nm.

Ordering data

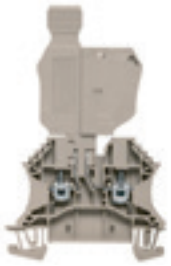
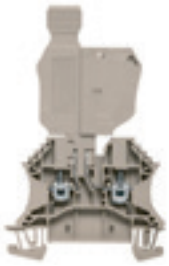
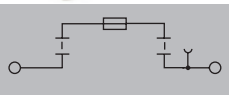
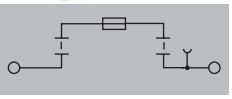
Version	Type	Qty.	Order No.
500 V AC/DC, without LED	SAKS 5/35 DB	20	**0502100000**
Note	Material Duroplast KRG		

Accessories

	Type	current	Qty.	Order No.
Screwable cross-connection				
2-pole	QL 2 SAKS2	36 A	20	**0207800000**
10-pole	QL 10 SAKS2	36 A	20	**0338900000**
Lock washer	SS M4 D 128-A 4		100	**0136400000**
Mounting screw	BFSC M4X9T		100	**0103300000**
End plate / Partition plate				
dark beige	WTW EN		20	**1058800000**
Screw cover cap				
SK	SK E18 SAKS5		20	**0359310000**
Fuse cartridges				
	E 18/20A BL		10	**0361300000**
	E 18/25A GE		10	**0361400000**
	E 18/35A SW		10	**0361500000**
Gauge rings				
	P 18/20 D02 BL SAKS5		50	**0361800000**
	P 18/25 D02 GE SAKS5		50	**0361900000**
	P 18/35 D02 SW SAKS5		50	**0362000000**
	P 18/50 D02 WS SAKS5		50	**0362100000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

Replacement screw cover cap, order no. 0359310000 (QTY 20) Cross-connections, see section „W series accessories".

	WTR 2.5/SI	2.5 mm²	WTR 4/SI	4 mm²
				
Width/Height/Depth mm	5.1 x 60 x 97		6.1 x 60 x 97	
max. current / max. cond. cross-section A/mm²	**6.3 / 4**		**6.3 / 6**	
Max. clamping range mm²	**0.05...4**		**0.22...6**	

Technical data

	WTR 2.5/SI	WTR 4/SI
Rated data		
Rated voltage to adjoining terminal V	IEC 60947-7-3	IEC 60947-7-3
Rated current A	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
for wire cross-section mm²	400 / 300 (D)	400 / 300 (D) / 300 (C)
Rated impulse withstand voltage / Pollution severity	6.3 / 10	6.3 / 6.3 / 6.3
UL 94 flammability rating	2.5 / AWG 22...12 / AWG 26...12	4 / AWG 22...10 / AWG 22...10
Approvals	6 kV / 3	6 kV / 3
	V-0	V-0
	CE, CSA, UL	CSA, BL, KTL, UL
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
Tightening torque range (terminal screw)	0.4...0.8 Nm (M 2.5)	0.5...0.6 Nm (M 3)
Blade size	0.6 x 3.5 mm	0.6 x 3.5 mm
Note	2.5 mm² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).	The rated current of the terminal is determined by the max. power loss of 1.6 W at the cartridge fuse.

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
400 V AC/DC, without LED	WTR 2.5/SI	25	**1763940000**	WTR 4 SI	25	**7910240000**
10-36 V AC/DC, with LED	WTR 2.5/SI LD 36V	25	**1763950000**	WTR 4/SI LD 36V	25	**7914370000**
30-70 V AC/DC, with LED				WTR 4/SI LD 70V	25	**7914380000**
60-150 V AC/DC, with LED				WTR 4/SI LD 150V	25	**7914390000**
140-250 V AC/DC, with LED				WTR 4/SI LD 250V	25	**7914400000**
Note	UL/CSA specified for cartridge fuse 400 V; otherwise, the specified voltage range also applies to UL/CSA.			UL/CSA specified for cartridge fuse 400 V; otherwise, the specified voltage range also applies to UL/CSA.		

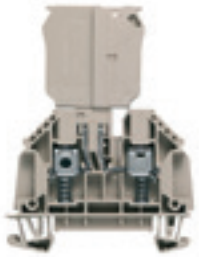
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**				
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**				
2-pole					ZQV 4N/2 GE	32 A	60	**1758250000**
10-pole					ZQV 4N/10 GE	32 A	20	**1758260000**
End plate / Partition plate								
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WAP 16+35 WTW 2.5-10		20	**1050100000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast	G 20/0.25A/F		10	**0430500000**	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**	G 20/2.00A/F		10	**0430900000**
Screwdriver								
Standard	SDS 0.6X3.5X100		10	**9008330000**	SDS 0.6X3.5X100		10	**9008330000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/5 MC NE WS		720	**1609860000**	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/6 MM WS		600	**2007120000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/6 MM WS		600	**2007160000**

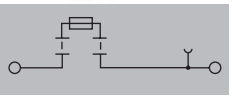
For detailed information on other accessories and application in the online catalogue	Cross-connection options for WTR 2.5, see section on W-series Accessories.	Cross-connections, see section „W series accessories".

WTR 4 SI SL — 4 mm²

With fuse holder



Width/Height/Depth	mm	6.1 x 61.5 x 97
max. current / max. cond. cross-section	A/mm²	**6.3 / 6**
Max. clamping range	mm²	**0.22...6**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	400	300 (D)	300 (D)	
Rated current (A)	6.3	6.3	6.3	
for wire cross-section (mm²)	4	AWG 22...10	AWG 22...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...6 / 1.5...6
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...4
Tightening torque range (terminal screw)	0.5...1 Nm (M 3)
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
400 V AC/DC, without LED	WTR 4 SI SL	25	**7910330000**

Note

Accessories

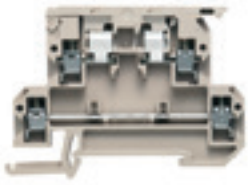
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
Black	WAP 2.5-10 SW		50	**1050010000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	**1312440000**
	HBT 2,5 - 3,0 BL		100	**1312450000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

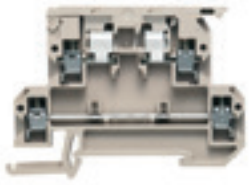
Cross-connections, see section „W series accessories".

KDKS 1/35 DB — 4 mm²

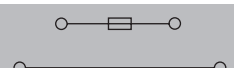
Metric fuses 5 x 20 mm



KDKS 1EN/LLC — 4 mm²



		KDKS 1/35 DB	KDKS 1EN/LLC
Width/Height/Depth	mm	8 x 73.5 x 55.6	8 x 76.5 x 54.6
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**	
Max. clamping range	mm²	**0.22...4**	



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (C)	300 (D)	
Rated current A	6.3	10	10	
for wire cross-section mm²	4	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals	CE, CSA, UL			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Tightening torque range (terminal screw)	0.5...0.8 Nm (M 3)			
Blade size	0.6 x 3.5 mm			

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V		300 (C)	150 (C)	
Rated current A		20	25	
for wire cross-section mm²	4	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			/ 3	
UL 94 flammability rating			V-0	
Approvals	CSA, UL			

Note

Note: max. conductor size = 2.5 mm² when using the cross-connector.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	KDKS 1/35 DB	50	**9532440000**
10-36 V AC/DC, with LED			
30-70 V AC/DC, with LED			
60-150 V AC/DC, with LED			
100-250 V AC/DC, with LED			

Note

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

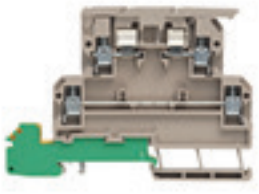
Type	Qty.	Order No.
KDKS 1EN/LLC 10-36V AC/DC	50	**9802720001**
KDKS 1EN/LLC 30-70V AC/DC	50	**9908510001**
KDKS 1EN/LLC 60-150V AC/DC	50	**9802760001**
KDKS 1EN/LLC 100-250V AC/DC	50	**9915820001**

Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	AP KDKS1 DB		20	**9532470000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F		10	**0430500000**
0.50 A fast	G 20/0.50A/F		10	**0430600000**
1.00 A fast	G 20/1.00A/F		10	**0430700000**
2.00 A fast	G 20/2.00A/F		10	**0430900000**
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**

For detailed information on other accessories and application in the online catalogue

KDKS 1PE/LLC — 4 mm²



Width/Height/Depth	8 x 91 x 65
max. current / max. cond. cross-section	/ 4
Max. clamping range	0.33...4

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	-
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Blade size	

Note
IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
	300 (C)	150 (C)	
	20	25	
4	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1 Nm (M 3)
0.6 x 3.5 mm

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10-36 V AC/DC, with LED	KDKS 1PE/LLC 10-36V AC/DC	50	1518300000
30-70 V AC/DC, with LED	KDKS 1PE/LLC 30-70V AC/DC	50	1518330000
60-150 V AC/DC, with LED	KDKS 1PE/LLC 60-150V AC/DC	50	1518340000
100-250 V AC/DC, with LED	KDKS 1PE/LLC 100-250V AC/DC	50	1518370000

Note

KDKS 1/35 DB

Overload and short-circuit protection

Type	Order No.
KDKS 1/35 DB	9532440000

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	23 °C*	4.0 W / 10 A*	41 °C	1.6 W / 6.3 A
In combination	50 °C*	1.6 W / 6.3 A	23 °C	1.6 W / 6.3 A

*) Values not available → The values specified were not measured but instead read from the derating curves and transferred to the "only short-circuit protection" operating mode.

For detailed information on other accessories and application in the online catalogue

Fuse cartridges

Technical data

for terminal type:
PSI 6/10
WSI 4
WSI 6

Ordering data

G-type fuse cartridges 5 x 20 without indicator in acc. with IEC 60127-2 (VDE 0820 T.2 BI)[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.1	quick-acting	G 20/0.10A/F	10	0430300000
		0.2	quick-acting	G 20/0.20A/F	10	0430400000
Cartridge fuse	G-Si. 5 x 20	0.25	quick-acting	G 20/0.25A/F	10	0430500000
Rated breaking capacity	1.5 kA	0.5	quick-acting	G 20/0.50A/F	10	0430600000
		0.63	quick-acting	G 20/0.63A/F	10	0439000000
		1	quick-acting	G 20/1.00A/F	10	0430700000
		1.6	quick-acting	G 20/1.60A/F	10	0430800000
		2	quick-acting	G 20/2.00A/F	10	0430900000
		2.5	quick-acting	G 20/2.50A/F	10	0431000000
		3.15	quick-acting	G 20/3.15A/F	10	0431100000
		4	quick-acting	G 20/4.00A/F	10	0431200000
		5	quick-acting	G 20/5.00A/F	10	0431300000
		6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
WSI 6

Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000
		0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000
Cartridge fuse	G-Si. 5 x 25	0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
Rated breaking capacity	80 A	1	medium time-lag	G 25/1.00A/M RT	10	0265800000
		10	medium time-lag	G 25/10.0A/M RT	10	0193100000
		2	medium time-lag	G 25/2.00A/F BL	10	0192700000
		4	medium time-lag	G 25/4.00A/F BR	10	0192800000
		6.3	medium time-lag	G 25/6.30A/F GN	10	0192900000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
WSI 4/2
WSI 6/2 GZ/DEF63

Ordering data

Fuse cartridges 1¼" x ¼" without indicator in acc. with BS 88

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.5	quick-acting	GZ 0.5A/F	10	1460580000
		1	quick-acting	GZ 1.0A/F	10	1460590000
Cartridge fuse	G-Si. 6.3 x 32	2	quick-acting	GZ 2.0A/F	10	1460600000
Rated breaking capacity	50 kA	3	quick-acting	GZ 3.0A/F	10	1460610000
		5	quick-acting	GZ 5.0A/F	10	1460620000
		7	quick-acting	GZ 7.0A/F	10	1460630000
		10	quick-acting	GZ 10.0A/F	10	1460640000
		12.5	quick-acting	GZ 12.5A/F	10	1460650000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
SAKS 2/35 DB

Ordering data

D-type fuse cartridge E 16 with indicator in acc. with DIN 49360 (Diazed)

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		10		E 16/10A RT TNDZ	25	0208500000
		16		E 16/16A GR TNDZ	25	0208600000
Cartridge fuse		20		E 16/20A BL TNDZ	25	0208700000
Rated breaking capacity		25		E 16/25A GE TNDZ	25	0208800000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
SAKS 4/35 DB

Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed)[3)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		10		E 14/10A RT	10	0328400000
		16		E 14/16A GR	10	0328500000
Cartridge fuse		2		E 14/2A RS	10	0137400000
Rated breaking capacity		4		E 14/4A BR	10	0137500000
		6		E 14/6A GN	10	0328300000

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

Technical data

for terminal type:
SAKS 5/35 DB

Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed)[3)]

Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
	20		E 18/20A BL	10	0361300000
	25		E 18/25A GE	10	0361400000
Cartridge fuse	35		E 18/35A SW	10	0361500000
Rated breaking capacity	50		E 18/50A WS	10	0361600000
	63		E 18/63A KU	10	0361700000

(M) = medium time-lag; (F) = quick-acting

1) The company SIBA supplies G-type fuse cartridges 5 x 25 with indicator, also in marine engineering version for 450 V~.
2) Fuse cartridges 5 x 30 (500 V~) für SAKS 3 are avalaible from the company WICKMANN.
3) The company LINDNER supplies Neozed fuse cartridges, also in a further marine engineering version for 440 V~.
4) Fuse cartridges with the dimensions 1"x1/4" = 25.4x6.35 mm and 13/32"x11/2" = 10.3x38.1 mm are not in the programme.
5) Only for SAKS 1 and SAKS 7.

Safety fuse 10x38 mm

In photovoltaic applications, fusing of individual strings is needed. Specially designed fuses should be used as DC voltages and current are involved.AC fuses are not suitable. The range from 2-20 A and up to 1000 V DC can be covered with safety fuses, size 10 x 38 mm.

Technical data

Diameter	10
Height	38
Characteristics	
Standard	

Ordering data

Type	Current	Rated voltage	Rated breaking capacity	Melting integral	Power output (@ 1.5 In)	Qty.	Order No.
FUSE 1KV DC 2A 10/38	2 A	1000 V	30	3	1.2	10	1224870000
FUSE 1KV DC 4A 10/38	4 A	1000 V	30	10	1.8	10	1224880000
FUSE 1KV DC 6A 10/38	6 A	1000 V	30	45	2.5	10	1224890000
FUSE 1KV DC 8A 10/38	8 A	1000 V	30	5	1.6	10	1224900000
FUSE 1KV DC 10A 10/38	10 A	1000 V	30	7	2	10	1224910000
FUSE 1KV DC 12A 10/38	12 A	1000 V	30	10	2.4	10	1224920000
FUSE 1KV DC 16A 10/38	15 A	1000 V	30	30	2.1	10	1224930000
FUSE 1KV DC 20A 10/38	20 A	1000 V	30	52	2.5	10	1224950000
Note							

Gauge rings

Technical data

for terminal type:
SAKS 4/35 DB

Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 14/2 D01 RS SAKS4	E14 / 2	2 A	Pink	50	**0138000000**
P 14/4 D01 BR SAKS4	E14 / 4	4 A	Brown	50	**0138100000**
P 14/6 D01 GN SAKS4	E14 / 6	6 A	Green	50	**0328600000**
P 14/10 D01 RT SAKS4	E14 / 10	10 A	Red	50	**0328700000**

Technical data

for terminal type:
SAKS 5/35 DB

Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 18/20 D02 BL SAKS5	E18 / 20	20 A	Blue	50	**0361800000**
P 18/25 D02 GE SAKS5	E18 / 25	25 A	Yellow	50	**0361900000**
P 18/35 D02 SW SAKS5	E18 / 35	35 A	Black	50	**0362000000**
P 18/50 D02 WS SAKS5	E18 / 50	50 A	White	50	**0362100000**

Technical data

for terminal type:
SAKS 2/35 DB

Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 16/10 RT SAKS2	E16 / 10	10 A	Red	100	**0208900000**
P 16/16 GR SAKS2	E16 / 16	16 A	Grey	100	**0209000000**

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	WTR 2.5	WTR 2.5 STB
	2.5 mm²	2.5 mm²
	With clamping screw	With sockets
Width/Height/Depth mm	5.1 x 60 x 48	5.1 x 60 x 48
max. current / max. cond. cross-section A/mm²	24 / 4	24 / 4
Max. clamping range mm²	0.05...4	0.05...4

Technical data

Rated data	WTR 2.5	WTR 2.5 STB
Rated voltage of feed-through terminal V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC 500 / UL 600 / CSA 300 / EN 60079-7	IEC 500 / UL 300 / CSA 300 / EN 60079-7
for wire cross-section mm²	24 / 20 / 10	24 / 20 / 10
	2.5 / AWG 30...12 / AWG 26...12	2.5 / AWG 30...12 / AWG 26...12
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Number of operating cycles		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	2.5 mm² conductor with ferrule with plastic collar, only with order No. 1333100000 (QTY 500).	2.5 mm² conductor with ferrule with plastic collar, only with order No. 1333100000 (QTY 500).

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WTR 2.5	100	1855610000	WTR 2.5 STB2.3	100	1855620000
without isolator, dark beige	WTR 2.5/O.TNHE	100	8731700000	WTR 2.5/O.TNHE STB2.3	100	8731670000
blue	WTR 2.5 BL	100	8731640000	WTR 2.5 STB2.3 BL	100	8731660000
Note						

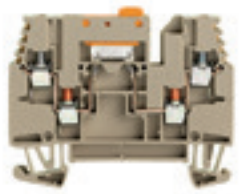
Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole								
10-pole								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate								
dark beige	WAP 2.5-10		50	1050000000	WAP 2.5-10		50	1050000000
dark beige								
End bracket								
dark beige	WEW 35/2		100	1061200000	WEW 35/2		100	1061200000
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)								
without fittings	BEST		50	1833100000	BEST		50	1833100000
with wire jumper	BEST/DRBR		50	1878570000	BEST/DRBR		50	1878570000
With 1N4007 diode	BEST/D		50	1878560000	BEST/D		50	1878560000
Disconnect plug								
removable, as replacement for release lever	TNST		50	1833090000	TNST		50	1833090000
Screwdriver								
Standard	SDS 0.6X3.5X100		10	9008330000	SDS 0.6X3.5X100		10	9008330000
Testing / Checking								
Test plug								
Identification systems								
	WS 12/5 MC NE WS		720	1609860000	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Special cross-connector, see section on W-series accessories.

WTR 2.5/ZZ — 2.5 mm²

Twin connection



5.1 x 60 x 46.5
14 / 4
0.13...4

IEC	UL	CSA	EN 60079-7
400	300	300	
14	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 2.5/ZZ	100	**1039900000**
WTR 2.5/ZZ BL	100	**1039980000**

2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

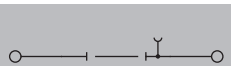
Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WAP WTR2.5/ZZ		20	**1074600000**
WEW 35/2		100	**1061200000**
SIHA 1/G20		25	**9537550000**
SIHA 1/G20 10-36V		25	**9537560000**
SDS 0.6X3.5X100		10	**9008330000**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
DEK 5/5 MC NE WS		1000	**1609801044**

Cross-connections, see section „W series accessories".

WTR 4 — 4 mm²

With clamping screw

6.1 x 60 x 48
32 / 6
0.22...6



IEC	UL	CSA	EN 60079-7
400	300	300	
32	10	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
13 / 0.6 x 3.5 mm

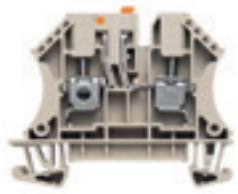
Type	Qty.	Order No.
WTR 4	50	**7910180000**
WTR 4/0.TNHE	50	**2436380000**
WTR 4 BL	50	**7910190000**

Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/10 GE	32 A	20	**1758260000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		100	**1061200000**
SIHA 3/G20		25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR		50	**1878570000**
BEST/D		50	**1878560000**
TNST		50	**1833090000**
SDS 0.6X3.5X100		10	**9008330000**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**

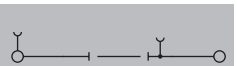
Cross-connections, see section „W series accessories".

WTR 4 STB — 4 mm²

With socket



6.1 x 60 x 48
32 / 6
0.22...6



IEC	UL	CSA	EN 60079-7
400	300	300	
32	10	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4 STB	50	**7910210000**
WTR 4 STB/0.TNHE	50	**2436390000**
WTR 4 STB BL	50	**7910220000**

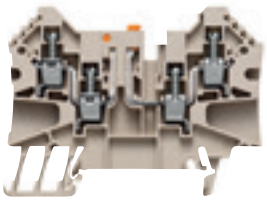
Type	current	Qty.	Order No.
ZQV 4N/2 GE	32 A	60	**1758250000**
ZQV 4N/10 GE	32 A	20	**1758260000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		100	**1061200000**
SIHA 3/G20		25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR		50	**1878570000**
BEST/D		50	**1878560000**
TNST		50	**1833090000**
SDS 0.6X3.5X100		10	**9008330000**
PS 2.3 RT		20	**0180400000**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**

Cross-connections, see section „W series accessories".

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

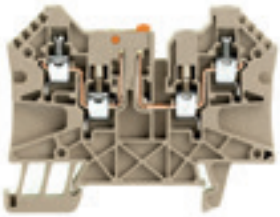
WTR 4/ZZ — 4 mm²

Twin connection with clamping screw

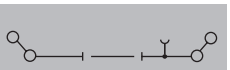


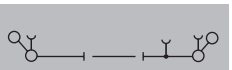
WTR 4/ZZ STB — 4 mm²

Twin connection with socket



Width/Height/Depth	mm	6.1 x 70 x 53	6.1 x 70 x 53
max. current / max. cond. cross-section	A/mm²	**27 / 6**	**27 / 6**
Max. clamping range	mm²	**0.05...6**	**0.05...6**





Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V	500	600	600	
Rated current	A	27	25	25	
for wire cross-section	mm²	4	AWG 30...10	AWG 30...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0		
Number of operating cycles					
Approvals					
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Stripping length / Blade size	mm/-				

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V	500	600	600	
Rated current	A	27	25	25	
for wire cross-section	mm²	4	AWG 30...10	AWG 30...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0		
Number of operating cycles					
Approvals					
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²				
Flexible / Flexible with ferrule	mm²				
Stripping length / Blade size	mm/-				

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WTR 4/ZZ	50	**1905090000**
blue	WTR 4/ZZ BL	50	**1193450000**
without isolator, dark beige	WTR 4/ZZ/O.TNHE	50	**2436420000**

Note

Type	Qty.	Order No.
WTR 4/ZZ STB	50	**1905100000**
WTR 4/ZZ STB BL	50	**1231330000**
WTR 4/ZZ STB/O.TNHE	50	**2436360000**

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP WDU/WTR4/ZZ		50	**1905150000**
dark beige				
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR		50	**1878570000**
With 1N4007 diode	BEST/D		50	**1878560000**
Disconnect plug				
removable, as replacement for release lever	TNST		50	**1833090000**
Screwdriver				
Standard	SDS 0.6X3.5X100		10	**9008330000**
Testing / Checking				
Test plug				
Identification systems				
	WS 12/5 MC NE WS		720	**1609860000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
Hak. Cable lugs				

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP WDU/WTR4/ZZ		50	**1905150000**
dark beige				
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR		50	**1878570000**
With 1N4007 diode	BEST/D		50	**1878560000**
Disconnect plug				
removable, as replacement for release lever	TNST		50	**1833090000**
Screwdriver				
Standard	SDS 0.6X3.5X100		10	**9008330000**
Testing / Checking				
Test plug	PS 2.3 RT		20	**0180400000**
Identification systems				
	WS 12/5 MC NE WS		720	**1609860000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
Hak. Cable lugs				

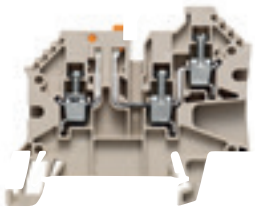
For detailed information on other accessories and application in the online catalogue

Cross-connections, see section „W series accessories".

Cross-connections, see section „W series accessories".

WTR 4/ZR — 4 mm²

Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53
27 / 6
0.05...6

IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

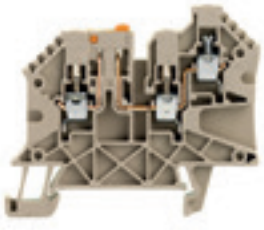
Type	Qty.	Order No.
WTR 4/ZR	50	1905080000
WTR 4/ZR/0.TNHE	50	2436400000

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDU/WTR4/ZR		50	1905070000
WEW 35/2		100	1061200000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		10	9008330000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

Cross-connections, see section „W series accessories".

WTR 4/ZR STB — 4 mm²

Supplementary connection, right, with socket



6.1 x 63.5 x 53
27 / 6
0.05...6

IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4/ZR STB	50	1905110000
WTR 4/ZR STB/0.TNHE	50	2436410000

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDU/WTR4/ZR		50	1905070000
WEW 35/2		100	1061200000
SIHA 3/G20		25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR		50	1878570000
BEST/D		50	1878560000
TNST		50	1833090000
SDS 0.6X3.5X100		10	9008330000
PS 2.3 RT		20	0180400000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

Cross-connections, see section „W series accessories".

WTR 4 SL — 4 mm²

With clamping screw

6.1 x 61.5 x 46.5
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
13 / 0.6 x 3.5 mm

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR 4 SL	50	7910270000
WTR 4 SL BL	50	7910280000

With pollution severity degree 2, the voltage can be raised to 630 V.

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP 2.5-10		50	1050000000
WAP 16+35 WTW 2.5-10		20	1050100000
WEW 35/2		100	1061200000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000

Cross-connections, see section „W series accessories".

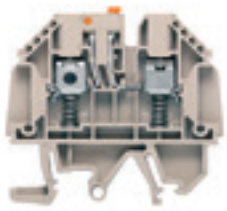
Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

WTR 4 SL STB — 4 mm²

With socket

WTR 4 SL/EN — 4 mm²

with clamping screw



Width/Height/Depth	mm	6.1 x 61.5 x 46.5	6.1 x 61.5 x 51
max. current / max. cond. cross-section	A/mm²	**32 / 6**	**32 / 6**
Max. clamping range	mm²	**0.22...6**	**0.22...6**

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal (V)	500	300	300	
Rated current (A)	32	22	10	
for wire cross-section (mm²)	4	AWG 22...10	AWG 22...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0		
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...4			
Twin wire-end ferrule (-)				
Stripping length / Blade size (mm/-)	13 / 0.6 x 3.5 mm			
Note	UL/CSA 600 V possible with end plate WAP or WTW partition plate.			

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal (V)	500	300	300	
Rated current (A)	32	22	10	
for wire cross-section (mm²)	4	AWG 22...10	AWG 22...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0		
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...4			
Twin wire-end ferrule (-)				
Stripping length / Blade size (mm/-)	13 / 0.6 x 3.5 mm			
Note	UL/CSA 600 V possible with end plate WAP or WTW partition plate.			

Ordering data

Version	Type	Qty.	Order No.
dark beige	WTR 4 STB SL	50	**7910300000**
blue	WTR 4 STB SL BL	50	**7910310000**
Note			

Version	Type	Qty.	Order No.
dark beige	WTR4 SL/EN	50	**7910360000**
blue	WTR4 SL/EN BL	50	**7910370000**
Note	With pollution severity degree 2, the voltage can be raised to 630 V.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	**1312440000**
	HBT 2,5 - 3,0 BL		100	**1312450000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	**1312440000**
	HBT 2,5 - 3,0 BL		100	**1312450000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Cross-connections, see section „W series accessories".

WTR 4 STB SL/EN — 4 mm²

With socket

6.1 x 61.5 x 51
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
13 / 0.6 x 3.5 mm

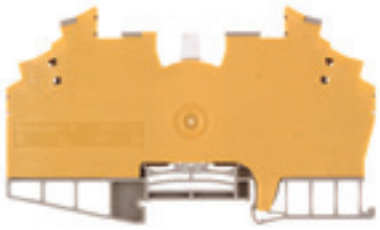
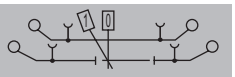
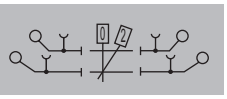
UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR4 SL/EN STB	50	**7910390000**

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		100	**1061200000**
HBT 1,5 - 3,0 RT		100	**1312440000**
HBT 2,5 - 3,0 BL		100	**1312450000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**

Cross-connections, see section „W series accessories".

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	WDT 1.5/1	1.5 mm²	WDT 1.5/2	1.5 mm²
	Disconnection lower level		Disconnection both levels	
				
Width/Height/Depth mm	6.4 x 112 x 66		6.4 x 112 x 66	
max. current / max. cond. cross-section A/mm²	**10 / 2.5**		**10 / 2.5**	
Max. clamping range mm²	**0.13...2.5**		**0.13...2.5**	

Technical data

Rated data		WDT 1.5/1	WDT 1.5/2
Rated voltage of feed-through terminal	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Number of operating cycles			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Tightening torque range (terminal screw)			
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
250	300	300		250	300	300	
10	10	10		10	10	10	
1.5	AWG 26...14	AWG 26...14		1.5	AWG 26...14	AWG 26...14	
	4 kV / 3				4 kV / 3		
	A2 / V-0				A2 / V-0		

Rated connection	Rated connection
0.5...2.5 / 1.5...2.5	0.5...2.5 / 1.5...2.5
0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WDT 1.5/1 DB/GE	25	**1015800000**	WDT 1.5/2 DB/GE	25	**1015900000**
without STB						
blue						

Note

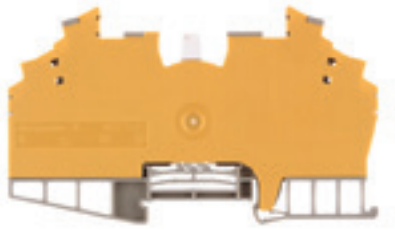
Accessories

End bracket	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED								
10 - 36 V AC/DC, red LED								
Screwdriver								
Standard	SDS 0.6X3.5X100		10	**9008330000**	SDS 0.6X3.5X100		10	**9008330000**
Locking lever								
	RAHE LN WDT1.5		10	**1865410000**	RAHE LN WDT1.5		10	**1865410000**
Identification systems								
	DEK 5/6.5 MC NE WS		900	**1609840000**	DEK 5/6.5 MC NE WS		900	**1609840000**
	WS 8/5 MC NE WS		720	**1640740000**	WS 8/5 MC NE WS		720	**1640740000**

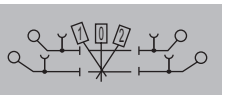
For detailed information on other accessories and application in the online catalogue

WDT 1.5/3 — 1.5 mm²

Disconnection lower level or both levels



6.4 x 112 x 66
10 / 2.5
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
	4 kV / 3		
	A2 / V-2		

Rated connection
0.5...2.5 / 1.5...2.5
0.5...1.5 / 0.5...1.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

WDT 1.5/3 BL/HB Order no. 1016160000 flammability rating V2

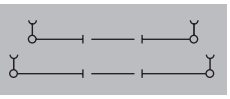
Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	**1016000000**
WDT 1.5/3 BL/HB	25	**1016160000**

Type	current	Qty.	Order No.
WEW 35/2		100	**1061200000**
SDS 0.6X3.5X100		10	**9008330000**
RAHE LN WDT1.5		10	**1865410000**
DEK 5/6.5 MC NE WS		900	**1609840000**
WS 8/5 MC NE WS		720	**1640740000**

WDTR 2.5 — 2.5 mm²

Double disconnect terminal

6.2 x 94 x 67
14 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 26...12	AWG 30...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...2.5 / 0.5...2.5
0.5...0.6 Nm (M 3)
8 / 0.6 x 3.5 mm

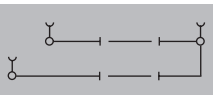
Type	Qty.	Order No.
WDTR 2.5	25	**9528070000**
WDTR 2.5 0.STB	25	**1298020000**
WDTR 2.5 BL	25	**9528080000**

Type	current	Qty.	Order No.
WEW 35/1		50	**1059000000**
SIHA 1/G20		25	**9537550000**
SIHA 1/G20 10-36V		25	**9537560000**
SDS 0.6X3.5X100		10	**9008330000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

External cross-connection is possible with the VQB 1.5/50. Refer to „Accessories" Chapter.

WDTR 2.5/WE — 2.5 mm²

6.2 x 81 x 67
23 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	17	
2.5	AWG 22...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

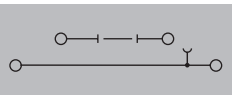
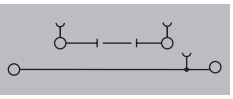
Rated connection
0.5...4 / 1.5...4
0.5...2.5 / 0.5...2.5
0.5...0.6 Nm (M 3)
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDTR 2.5/WE	25	**9528090000**
WDTR 2.5/WE 0.STB	25	**1297850000**

Type	current	Qty.	Order No.
WEW 35/1		50	**1059000000**
SIHA 1/G20		25	**9537550000**
SIHA 1/G20 10-36V		25	**9537560000**
SDS 0.6X3.5X100		10	**9008330000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

External cross-connection is possible with the VQB 1.5/50. Refer to „Accessories" Chapter.

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	WDK 2.5/TR-DU	2.5 mm²	WDK 2.5/TR-DU/STB	2.5 mm²
Width/Height/Depth mm	5.1 x 80.5 x 66		5.1 x 80.5 x 66	
max. current / max. cond. cross-section -/mm²	/ 4		/ 4	
Max. clamping range mm²	0.5...4		0.5...4	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	690		300	
Rated current A	24		20	
for wire cross-section mm²	2.5		AWG 30...12	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Number of operating cycles				
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	0.5...0.6 Nm (M 3)
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm
Note	

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	690		300	
Rated current A	24		20	
for wire cross-section mm²	2.5		AWG 30...12	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Number of operating cycles				
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	0.5...0.6 Nm (M 3)
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm
Note	

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5/TR-DU	50	1247290000
without isolator, dark beige	WDK 2.5/TR-DU/o TNHE	50	1833600000
Note			

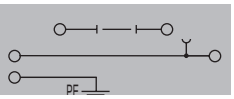
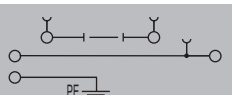
Version	Type	Qty.	Order No.
dark beige	WDK 2.5/TR-DU STB	50	1247310000
without isolator, dark beige	WDK 2.5/TR-DU/o TNHE StB	50	1833610000
Note			

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK 2.5N/TR-DU		50	1839850000
End bracket				
dark beige	WEW 35/1		50	1059000000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D		50	1878560000
with wire jumper	BEST/DRBR		50	1878570000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK 2.5N/TR-DU		50	1839850000
End bracket				
dark beige	WEW 35/1		50	1059000000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D		50	1878560000
with wire jumper	BEST/DRBR		50	1878570000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Cross-connections, see section „W series accessories".

	WDK 2.5/TR-DU-PE	2.5 mm²	WDK 2.5/TR-DU-PE/STB	2.5 mm²
Width/Height/Depth mm	5.1 x 72.5 x 66		5.1 x 72.5 x 66	
max. current / max. cond. cross-section -/mm²	/ 4		/ 4	
Max. clamping range mm²	0.5...4		0.5...4	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	690			
Rated current A	24			
for wire cross-section mm²	2.5			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Number of operating cycles				
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	0.5...0.6 Nm (M 3)
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm
Note	

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	690			
Rated current A	24			
for wire cross-section mm²	2.5			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Number of operating cycles				
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	0.5...0.6 Nm (M 3)
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm
Note	

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5/TR-DU-PE	50	1247420000
without isolator, dark beige	WDK 2.5/TR-DU-PE/o TNHE	50	1833640000
Note			

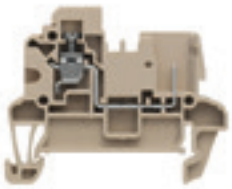
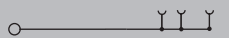
Version	Type	Qty.	Order No.
dark beige	WDK 2.5/TR-DU-PE STB	50	1247430000
without isolator, dark beige	WDK 2.5/TR-DU-PE/o TNHE StB	50	1833670000
Note			

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK 2.5N/TR-DU		50	1839850000
End bracket				
dark beige	WEW 35/1		50	1059000000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D		50	1878560000
with wire jumper	BEST/DRBR		50	1878570000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK 2.5N/TR-DU		50	1839850000
End bracket				
dark beige	WEW 35/1		50	1059000000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D		50	1878560000
with wire jumper	BEST/DRBR		50	1878570000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Cross-connections, see section „W series accessories".

	WT 2.5	2.5 mm²	WDT 2.5 BT	2.5 mm²
				
Width/Height/Depth mm	5.1 x 50.5 x 40		5.1 x 85.5 x 36	
max. current / max. cond. cross-section A/mm²	**27 / 4**		**27 / 4**	
Max. clamping range mm²	**0.13...4**		**0.13...4**	

Technical data

Rated data	WT 2.5	WDT 2.5 BT
	IEC 60947-7-1, IEC 61984	IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 16...12	
	6 kV / 3		
	A4 / V-0		

Rated connection	WT 2.5	WDT 2.5 BT
Rated voltage of feed-through terminal V	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Rated current A	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
for wire cross-section mm²	0.4...0.6 Nm (M 2.5)	0.4...0.6 Nm (M 2.5)
Rated impulse withstand voltage / Pollution severity	7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Tightening torque range (terminal screw)		
Stripping length / Blade size mm/-		
Note		

Ordering data

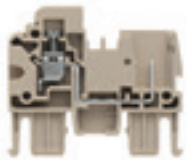
	Type	Qty.	Order No.	Type	Qty.	Order No.
	WT 2.5	50	**1305330000**	WDT 2.5 BT	50	**1305310000**
Plug-in connector	Type	Qty.	Order No.	Type	Qty.	Order No.
	WP 2.5/1AN/1	50	**1305270000**	WP 2.5/1AN/1	50	**1305270000**
	WP 2.5/1AN/10	50	**1305280000**	WP 2.5/1AN/10	50	**1305280000**
Note						

Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
End plate								
	WAP WDT 2.5 AT		50	**1305250000**	WAP WDT 2.5 BT		50	**1305240000**
Cover								
					AH WDT 2.5 BT		50	**1305230000**
End bracket								
dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Miscellaneous accessories WeiCoS								
Locking element	ZVR ZP2.5		25	**1816130000**	ZVR ZP2.5		25	**1816130000**
Coding element	KOSF ZT2.5		50	**1816150000**	KOSF ZT2.5		50	**1816150000**
Strain relief	ZZE ZP2.5		25	**1816140000**	ZZE ZP2.5		25	**1816140000**
Screwdriver								
Standard	SDS 0.6X3.5X100		10	**9008330000**	SDS 0.6X3.5X100		10	**9008330000**
					WDT 2.5 AT		50	**1305320000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
Vertical jumpers								
1.5-pole								

For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Cross-connections, see section „W series accessories".

WDT 2.5 AT — 2.5 mm²



5.1 x 42 x 24.6
27 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A4 / V-0		

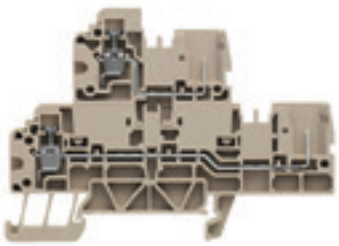
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5 AT	50	1305320000
Type	**Qty.**	**Order No.**
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

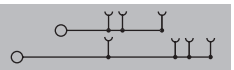
Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDT 2.5 AT		50	1305250000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SDS 0.6X3.5X100		10	9008330000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Cross-connections, see section „W series accessories".

WDT 2.5/2 — 2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A4 / V-0		

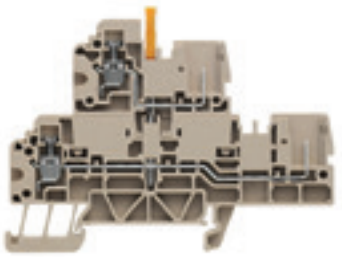
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5/2	50	1305290000
Type	**Qty.**	**Order No.**
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

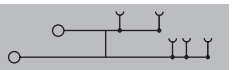
Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDT 2.5/2		50	1305260000
WEW 35/2		100	1061200000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SDS 0.6X3.5X100		10	9008330000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
ZVQ 2.5/1.5	23 A	50	1720700000

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layers. Cross-connections, see section „W series accessories".

WDT 2.5/2 V — 2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20.1	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5/2 V	50	1305300000
Type	**Qty.**	**Order No.**
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDT 2.5/2		50	1305260000
WEW 35/2		100	1061200000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SDS 0.6X3.5X100		10	9008330000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Cross-connections, see section „W series accessories".

WT4 4 AN/2 — 4 mm²

Width/Height/Depth	6.1 x 84.3 x 50
max. current / max. cond. cross-section	/ 6
Max. clamping range	0.5...6

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	800	600		
Max. voltage of clamp support & pluggable system (-)				
Rated current (A)	32	30		
for wire cross-section (mm²)	4	AWG 26...10		
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded (mm²)	0.5...6 / 0.5...6	
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...4	
Tightening torque range (terminal screw)		
Stripping length / Blade size (-/-)	/ 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WT4 4AN/2	50	1107680000

Note

Accessories

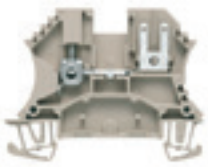
	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate / Partition plate				
dark beige	WAP WT4/4AN/2		50	1107780000
End bracket				
dark beige	WEW 35/2		100	1061200000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP4		25	1855250000
Coding element	KOSF ZT4		50	1856860000
Strain relief	ZZE ZP4		25	1855260000
Plug-in connector				
	WP4/1AN/1		50	1107790000
	WP4/1AN/1 ZA		50	1108490000
	WP4/1AN/10		10	1107800000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section „W series accessories".

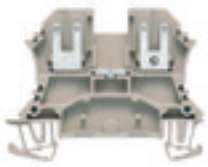
WDU 2.5 F — 2.5 mm²

Spade connection right



WDU 2.5 FF 2*2.8 — 1 mm²

Spade connection left and right



		WDU 2.5 F	WDU 2.5 FF 2*2.8
Width/Height/Depth	mm	5.1 x 60 x 46.25	5.1 x 60 x 46.25
max. current / max. cond. cross-section	A/mm²	12 / 4	12 / 1
Max. clamping range	mm²	0.13...4	...1

Technical data

Rated data		WDU 2.5 F	WDU 2.5 FF 2*2.8
		IEC 61210, In accordance with IEC 60947-7-1	IEC 61210, In accordance with IEC 60947-7-1
		IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage	V	500 / 300 / 300	500 / 300 / 300
Max. voltage of clamp support & pluggable system	-		
Rated current	A	12 / 16 / 10	12 / 16 / 10
for wire cross-section	mm²	2.5 / AWG 22...12 / AWG 26...12	1 / AWG 22...14 / AWG 26...12
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0	/ V-0
Approvals		CE SB KEMA UL N VL	CE SB KEMA UL N VL
Clamped conductors (H05V/H07V)		**Rated connection / Plug-in connection**	**Rated connection / Plug-in connection**
Solid / Stranded	mm²	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Tightening torque range (terminal screw)		0.4...0.8 Nm (M 2.5)	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	
Note		With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor..	With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor..

Ordering data

Version		Type	Qty.	Order No.
	dark beige	WDU 2.5 F 2X2.8	100	1021800000
	blue			
Note		2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Version		Type	Qty.	Order No.
	dark beige	WDU 2.5 FF 2X2.8	100	1021900000
	blue			
Note		Technical data refer to a 2.8 mm cable lug connector with 1 mm² conductor.		

Accessories

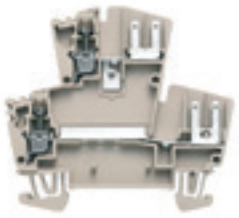
Screwable cross-connection		Type	current	Qty.	Order No.
	2-pole	WQV 2.5/2	32 A	50	1053660000
	10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate					
	dark beige	WAP 2.5-10		50	1050000000
	Blue	WAP 2.5-10 BL		50	1050080000
	dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
	Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket					
	dark beige	WEW 35/2		100	1061200000
Cover					
	With lightning flash symbol	WAD 4 GE BED		50	1072000000
	Blank, white	WAD 4 WS		50	1072100000
Identification systems					
		DEK 5/5 MC NE WS		1000	1609801044
		WS 12/5 MC NE WS		720	1609860000
		DEK 5/5 MM WS		800	2007110000
		WS 8/5 MM WS		800	2007150000

Screwable cross-connection		Type	current	Qty.	Order No.
	2-pole	WQV 2.5/2	32 A	50	1053660000
	10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate					
	dark beige	WAP 2.5-10		50	1050000000
	Blue	WAP 2.5-10 BL		50	1050080000
	dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
	Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket					
	dark beige	WEW 35/2		100	1061200000
Cover					
	With lightning flash symbol	WAD 4 GE BED		50	1072000000
	Blank, white	WAD 4 WS		50	1072100000
Identification systems					
		DEK 5/5 MC NE WS		1000	1609801044
		WS 12/5 MC NE WS		720	1609860000
		DEK 5/5 MM WS		800	2007110000
		WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue	Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section „W series accessories".	Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section „W series accessories".

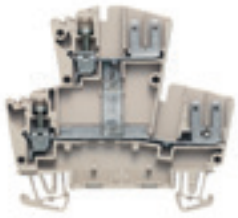
WDK 2.5 F — 2.5 mm²

Spade connection right



WDK 2.5 FV — 2.5 mm²

Spade connection right, both levels at one potential



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

WDK 2.5 F	WDK 2.5 FV
5.1 x 69.5 x 62.5	5.1 x 69.5 x 62.5
12 / 4	**12 / 4**
0.13...4	**0.13...4**
IEC 61210, In accordance with IEC 60947-7-1	IEC 61210, In accordance with IEC 60947-7-1

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	400	300	300	
Max. voltage of clamp support & pluggable system -				
Rated current A	12	10	10	
for wire cross-section mm²	2.5	AWG 22...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	400		300	
Max. voltage of clamp support & pluggable system -				
Rated current A	12		10	
for wire cross-section mm²	2.5		AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor..

Note

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor..

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5 F	100	1021600000
blue	WDK 2.5 F BL	100	1021680000

Note

2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	Qty.	Order No.
WDK 2.5 FV	100	1022400000

2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK2.5		20	1059100000
Blue	WAP WDK2.5 BL		20	1059180000
dark beige	WTW EN		20	1058800000
Blue				
End bracket				
dark beige	WEW 35/2		100	1061200000
Cover				
With lightning flash symbol	WAD 4 GE BED		50	1072000000
Blank, white	WAD 4 WS		50	1072100000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WAP WDK2.5 BL		20	1059180000
WTW EN		20	1058800000
WEW 35/2		100	1061200000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

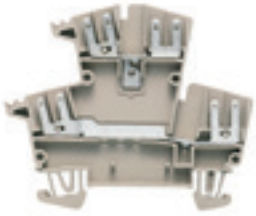
Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section „W series accessories".

Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section „W series accessories".

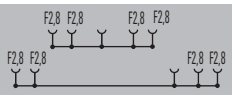
WDK 2.5 FF

1 mm²

Spade connection left and right



5.1 x 75.5 x 62.5
12 / 1
...1



IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400		300	
12		10	
1		AWG 26...12	
		6 kV / 3	
		/ V-0	

CE SR

Rated connection	Plug-in connection

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor..

Type	Qty.	Order No.
WDK 2.5 FF	100	**1021700000**

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WTW EN		20	**1058800000**
WEW 35/2		100	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

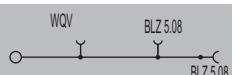
Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section „W series accessories".

WDU 1.5 BLZ 5.08 WQV — 1.5 mm²

Screwable cross-connection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.08 x 49 x 37
16 / 4
0.13...4



IEC 61210, In accordance with IEC 60947-7-1

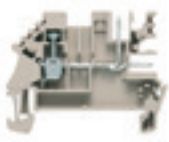
IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	10	
1.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

Dimensions with female header BLZ: length 57.5 mm / height 55.5 mm.

WDU 1.5 BLZ 5.08 ZQV — 1.5 mm²

Plug-in cross-connection



5.08 x 49 x 37
16 / 4
0.13...4

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	20	
1.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

Dimensions with female header BLZ: length 57.5 mm / height 55.5 mm.

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque range (terminal screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige

Note

Type	Qty.	Order No.
WDU 1.5/BLZ 5.08	100	1577340000

WDU 1.5 BLA Order no. 1577260000 (100 pcs.). 2.5 mm² conductor with wire-end ferrule with plastic collar, only with order No. 1333100000, QTY 500.

Type	Qty.	Order No.
WDU 1.5/ZQV/BLZ 5.08	100	1784460000

2.5 mm² conductor with wire-end ferrule with plastic collar, only with order No. 1333100000, QTY 500.

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole				
10-pole				
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
Without peg	WAP WDU1.5/BLZ		50	1577330000
With spigot	WAP WDU1.5/BLZ/ZA		50	1577320000
End bracket				
dark beige	WEW 35/2		100	1061200000
Mounting block for socket connector				
Without peg	WBB WDU1.5/BL...		10	1068160000
With spigot	WBB ZA WDU1.5/BL 10/10		10	1068260000
Plug-in connector				
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC SDR		144	1609870000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
Miscellaneous accessories				
Cover for unused pins				

For detailed information on other accessories and application in the online catalogue

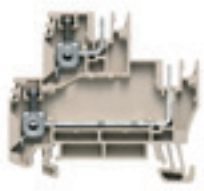
The WBB with peg (order number 1068260000) can be used for direct mounting on both sides. Cross-connections, see section „W series accessories".

Pluggable cross-connection	Type	current	Qty.	Order No.
	ZQV 2.5N/2	24 A	60	1527540000
	ZQV 2.5N/10	24 A	20	1527690000
Screwable cross-connection				
End plate / Partition plate				
	WAP WDU1.5/BLZ		50	1577330000
	WAP WDU1.5/BLZ/ZA		50	1577320000
End bracket				
	WEW 35/2		100	1061200000
Mounting block for socket connector				
	WBB WDU1.5/BL...		10	1068160000
	WBB ZA WDU1.5/BL 10/10		10	1068260000
Plug-in connector				
	BLZP 5.08HC/04/180 SN OR BX		90	1943600000
	BLZP 5.08HC/06/180 SN OR BX		60	1943620000
	BLZP 5.08HC/08/180 SN OR BX		42	1943640000
	BLZP 5.08HC/04/180F SN OR BX		60	1944110000
	BLZP 5.08HC/06/180F SN OR BX		42	1944130000
	BLZP 5.08HC/08/180F SN OR BX		36	1944150000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC SDR		144	1609870000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	SCHT 7		20	0517960000
	SCHT 14/6		20	1269060000
	ZGB 30		20	1611930000
Miscellaneous accessories				

The WBB with peg (order number 1068260000) can be used for direct mounting on both sides. Cross-connections, see section „W series accessories".

WDK 2.5 BLZ/5.08 — 2.5 mm²

Double terminal pitch 5.08



5.08 x 58 x 52.5
18 / 4
0.13...4

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
16.5	20	24	
2.5	AWG 22...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
(M 2.5)	
10 / 0.6 x 3.5 mm	

Dimensions with female header BLZ: length 58 mm / height 63.5 mm

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA	100	**1034400000**

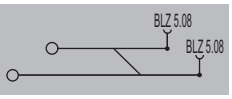
2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	current	Qty.	Order No.
WAP WDK2.5/BLZ/O.ZA		20	**1070000000**
WAP WDK2.5/BLZ/M.ZA		20	**1070100000**
WEW 35/1		50	**1059000000**
WBB WDK2.5/BL5.08		10	**1072660000**
WBB ZA WDK2.5/BL5.08		10	**1072760000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WAD WDU1.5/BLZ/BLA		20	**1577400000**

External cross-connector WQB A, see section on W-series Accessories „potential distribution".

WDK 2.5 BLZ/5.08/ZA V — 2.5 mm²

5.08 x 58 x 52.5
18 / 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

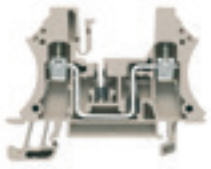
IEC	UL	CSA	EN 60079-7
250	300		
16.5	20		
2.5	AWG 22...12		
	4 kV / 3		
	A3 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	

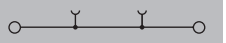
Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA V	100	**1027410000**

Type	current	Qty.	Order No.
WAP WDK2.5/BLZ/O.ZA		20	**1070000000**
WAP WDK2.5/BLZ/M.ZA		20	**1070100000**
WEW 35/1		50	**1059000000**
WBB WDK2.5/BL5.08		10	**1072660000**
WBB ZA WDK2.5/BL5.08		10	**1072760000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WAD WDU1.5/BLZ/BLA		20	**1577400000**

WPO 4 — 4 mm²



Width/Height/Depth	mm	6 x 60 x 46.5
max. current / max. cond. cross-section	A/mm²	**32 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	250	300	300	
Max. voltage of clamp support & pluggable system (-)				
Rated current (A)	32	10	10	
for wire cross-section (mm²)	4	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE SR cULus			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5
Stripping length / Blade size (mm/-)	8 / 0.6 x 3.5 mm

Note

The tightening torque is 2 Nm when connecting two conductors.

Ordering data

Version	Type	Qty.	Order No.
dark beige	WPO 4	50	**1036000000**

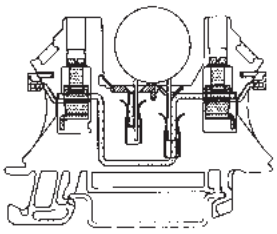
Note

Accessories

Intermediate frame	Type	current	Qty.	Order No.
Thickness 2.5 mm	ZR WPO4 DB		20	**1071100000**
Busbar				
1 m	SSCH 7.3X1.2X1000		1	**1071200000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/5 MC NE WS		720	**1609860000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

WPO 4 with varistor

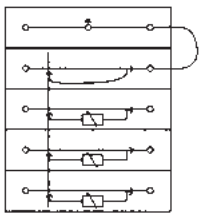


Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc.
These “electronic terminals” no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

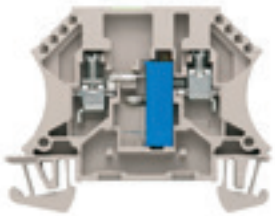
- **Cost saving:**
  Components can be changed quickly on site.
  Service requires only a visual inspection.
- **Clarity:**
  Components are easy to distinguish.
- **Flexibility:**
  Components can immediately be adapted to changed conditions.

Note:
Never change eletronic components under load!

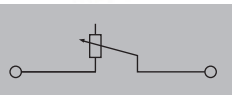


Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

WDUL 4/... | 4 mm²



Width/Height/Depth	mm	6.5 x 60 x 46.5
max. current / max. cond. cross-section	A/mm²	6 / 6
Max. clamping range	mm²	0.13...6



Technical data

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	-				
Max. voltage of clamp support & pluggable system	-				
Rated current	A	120			
for wire cross-section	mm²	4			
Rated impulse withstand voltage / Pollution severity				/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A4 / V-0	
Approvals		CE			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size	mm/-	9 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
10 Ω	WDUL 4/10	10	1027000000
100 Ω	WDUL 4/100	10	1027300000
500 Ω	WDUL 4/500	10	1027400000
1 kΩ	WDUL 4/1K	10	1027500000
5 kΩ	WDUL 4/5K	10	1027600000
10 kΩ	WDUL 4/10K	10	1027700000
50 kΩ	WDUL 4/50K	10	1027800000
500 kΩ	WDUL 4/500K	10	1028000000
without potentiometer	WDUL 4	10	8161820000
Note			

Accessories

End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	WAP 2.5-10		50	1050000000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
End bracket				
dark beige	WEW 35/2		100	1061200000
Screwdriver				
With „swifty set“ cutting device	SWIFTY SET		1	9006060000
Standard	SDS 0.6X3.5X100		10	9008330000
Shield bus				
	LS 2.8 WDU2.5-10		100	1056400000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue

Technical data for the 10 Ω compensating resistor

Resistor material: “Cermet”

Resistor setting range: 0...30 Ω

Wave form: linear

Temperature coefficient: 100 ppm/°C

Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range

Resistance change per spindle turn: ≈ 0,4 Ω

Rated output for total resistance: 1 watt at 70 °C

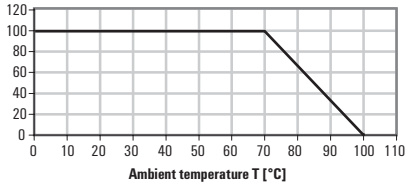
Rated current: 300 mA

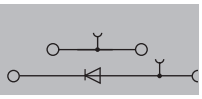
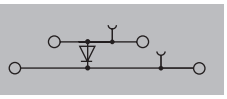
Ambient temperature: -55 °C to +70 °C

Ingress (seal) protection:

1) Leak tested in water at 70 °C without bubble formation
2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

Capacity expressed in % of rated load



	WDK 2.5/D	WDK 2.5/D/1
	2.5 mm²	2.5 mm²
	Reverse polarity protection	Suppression circuit e. g. for contactor
Width/Height/Depth mm	5.1 x 69 x 62.5	5.1 x 69 x 62.5
max. current / max. cond. cross-section A/mm²	**10 / 4**	**10 / 4**
Max. clamping range mm²	**0.05...4** 	**0.05...4** 

Technical data

Rated data					IEC 60947-7-1			
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage -		300			400	300	300	
Rated current A	10	20			10	20	1	
for wire cross-section mm²	2.5	AWG 22...12			2.5	AWG 22...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0	
Approvals	CE UL				CE GL UL			
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)				0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note	Rated current is 10 A for continuous busbars only. **Diode 1 N 4007**				Rated current is 10 A for continuous busbars only. **Diode 1 N 4007**			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WDK 2.5 1D	25	**8025610000**	WDK 2.5 1D A.1	25	**1023400000**
dark beige (red LED)						
dark beige (green LED)						
Note	2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).			2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate								
dark beige	WAP WDK2.5		20	**1059100000**	WAP WDK2.5		20	**1059100000**
End bracket								
dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Screwdriver								
With „swifty set" cutting device	SWIFTY SET		1	**9006060000**	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		10	**9008330000**	SDS 0.6X3.5X100		10	**9008330000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

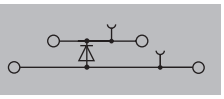
Cross-connections, see section „W series accessories".

Cross-connections, see section „W series accessories".

WDK 2.5/D/2 — 2.5 mm²

Suppression circuit e. g. for contactor

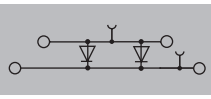
Width/Height/Depth	mm	5.1 x 69 x 62.5
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.05...4**



WDK 2.5/D/4 — 2.5 mm²

Lamp test circuits

Width/Height/Depth	mm	5.1 x 69 x 62.5
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.05...4**



Technical data

Rated data		IEC 60947-7-1				IEC 60947-7-1			
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	400	300	300		400	300		
Rated current	A	10	20	1		10	20		
for wire cross-section	mm²	2.5	AWG 22...12	AWG 26...12		2.5	AWG 22...12		
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0				A3 / V-0			
Approvals		CE CSA UL				CE UL			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)		0.4...0.6 Nm (M 2.5)				0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note		Rated current is 10 A for continuous busbars only. **Diode 1 N 4007**				Rated current is 10 A for continuous busbars only. **Diode 1 N 4007**			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	WDK 2.5 1D A.2	25	**1023300000**	WDK 2.5 2D 1.A	25	**8014670000**
	dark beige (red LED)						
	dark beige (green LED)						
Note		2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).			2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

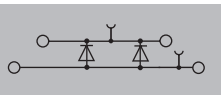
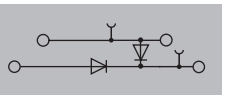
Accessories

Screwable cross-connection		Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
	2-pole	WQV 2.5/2	32 A	50	**1053660000**	WQV 2.5/2	32 A	50	**1053660000**
	10-pole	WQV 2.5/10	32 A	20	**1054460000**	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate									
	dark beige	WAP WDK2.5		20	**1059100000**	WAP WDK2.5		20	**1059100000**
End bracket									
	dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Screwdriver									
	With „swifty set“ cutting device	SWIFTY SET		1	**9006060000**	SWIFTY SET		1	**9006060000**
	Standard	SDS 0.6X3.5X100		10	**9008330000**	SDS 0.6X3.5X100		10	**9008330000**
Identification systems									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		WS 8/5 MC NE WS		720	**1640740000**	WS 8/5 MC NE WS		720	**1640740000**
		DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
		WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section „W series accessories“.

Cross-connections, see section „W series accessories“.

	WDK 2.5/D/5	WDK 2.5/D/6
	2.5 mm²	2.5 mm²
	Lamp test circuits	Lamp test circuits
Width/Height/Depth mm	5.1 x 69 x 62.5	5.1 x 69 x 62.5
max. current / max. cond. cross-section A/mm²	**10 / 4**	**10 / 4**
Max. clamping range mm²	**0.05...4**	**0.05...4**
		

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	400	300	300	
Rated current A	10	20	10	
for wire cross-section mm²	2.5	AWG 22...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE GL UL			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note	Rated current is 10 A for continuous busbars only. **Diode 1 N 4007**			

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	400	300	300	
Rated current A	10	20	10	
for wire cross-section mm²	2.5	AWG 22...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE GL UL			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)	0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note	Rated current is 10 A for continuous busbars only.			

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5 2D 2.A	25	**1022600000**
dark beige (red LED)			
dark beige (green LED)			
Note	2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Version	Type	Qty.	Order No.
dark beige	WDK 2.5 2D	25	**1023500000**
dark beige (red LED)			
dark beige (green LED)			
Note	2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Accessories

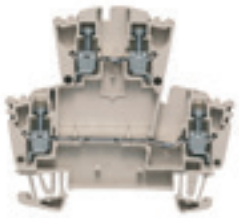
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate				
dark beige	WAP WDK2.5		20	**1059100000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Screwdriver				
With „swifty set" cutting device	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		10	**9008330000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate				
dark beige	WAP WDK2.5		20	**1059100000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Screwdriver				
With „swifty set" cutting device	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		10	**9008330000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

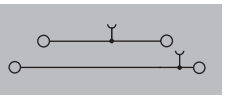
For detailed information on other accessories and application in the online catalogue	Cross-connections, see section „W series accessories".	Cross-connections, see section „W series accessories".

WDK 2.5/D — 2.5 mm²

For installing electronic components



5.1 x 69.5 x 62.5
10 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
10			
2.5			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

Type	Qty.	Order No.
WDK 2.5/D	100	**1023200000**

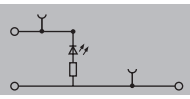
2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		10	**9008330000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

WDK 2.5 LD + - — 2.5 mm²

DC voltage indicator + / -

5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
2.5			
	0.8 kV / 3		
	A3 / V-0		

CE

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +-	25	**1023600000**
WDK 2.5 LD/GN 1R 24VDC	25	**8023610000**

2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

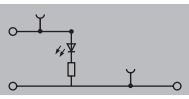
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		10	**9008330000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Cross-connections, see section „W series accessories".

WDK 2.5 LD - + — 2.5 mm²

DC voltage indicator - / +

5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
2.5			
	0.8 kV / 3		
	A3 / V-0		

CE

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC -+	25	**8023630000**
WDK 2.5 LD GR 1R 24VDC	25	**8010040000**

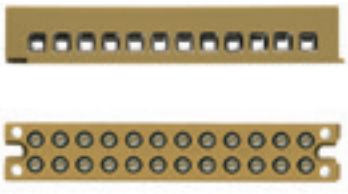
2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

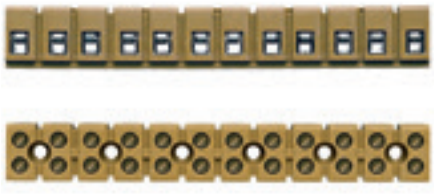
Type	current	Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		10	**9008330000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

Cross-connections, see section „W series accessories".

Screw connection with clamping yoke technology (W-Series)
Mini terminal blocks for enclosure wiring

		MK 2/12	2.5 mm²	MK 3/2...12	2.5 mm²





		MK 2/12	MK 3/2...12
Width/Height/Depth	mm	15 x 86 x 15	15 x 91.25 x 16.1
max. current / max. cond. cross-section	A/mm²	**24 / 4**	**24 / 4**
Max. clamping range	mm²	**0.2...4**	**0.33...4**

Technical data

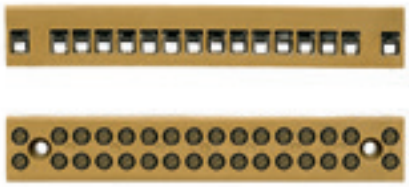
	MK 2/12				MK 3/2...12			
	IEC 60947-7-1				IEC 60947-7-1			
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	125	300	300		400	300	300	
Rated current	24	10	10		24	20	25	
for wire cross-section	2.5	AWG 24...12	AWG 24...12		2.5	AWG 22...12	AWG 22...12	
Rated impulse withstand voltage / Pollution severity	2.5 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-2				A2 / 5VA			
Approvals	CE CSA UL				CE CSA KEUR UL			
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...2.5				0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5				0.5...2.5 / 0.5...1.5			
Tightening torque range (terminal screw)	0.4(M 2.5)				0.4...0.45 Nm (M 2.5)			
Stripping length / Blade size	5 / 0.6 x 3.5 mm				5 / 0.6 x 3.5 mm			
Note								

Ordering data

Order data, sorting catalogue 1/SAK	**Type**	**Height**	**Mounting**	**Qty.**	**Order No.**	**Type**	**Height**	**Mounting**	**Qty.**	**Order No.**
2-pin						MK 3/2	17.4	18.5	100	**0273820000**
3-pin						MK 3/3	26.5	18.5	50	**0273920000**
4-pin						MK 3/4	35.75	18.5	50	**0274020000**
5-pin						MK 3/5	45	18.5	50	**0274120000**
6-pin						MK 3/6	54.25	37	50	**0274220000**
7-pin						MK 3/7	63.5	37	50	**0274320000**
8-pin						MK 3/8	72.75	55.5	25	**0274420000**
10-pin						MK 3/10	91.25	74	20	**0274620000**
12-pin	MK 2/12	86	80	50	**0241260000**	MK 3/12	110	92.5	20	**0243520000**
16-pin										
Note										

For detailed information on other accessories and application in the online catalogue

MK 4/16 — 2.5 mm²



17 x 103 x 16
24 / 4
0.2...4

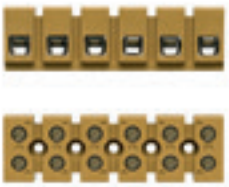
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	150	150	
24	15	15	
2.5	AWG 24...12	AWG 22...12	
	6 kV / 3		
	A2 / 5VA		

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
0.4...0.45 Nm (M 2.5)
5 / 0.6 x 3.5 mm

Type	Height	Mounting	Qty.	Order No.
MK 4/16	103	85.5	20	**0244220000**

MK 6/2...6/6 — 6 mm²



23 x 23.5 x 22
41 / 6
0.33...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	300	300	
41	30	40	
6	AWG 22...10	AWG 22...10	
	8 kV / 3		
	A3 / 5VA		

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2 Nm (M 4)
9 / 4.0 x 0.8 mm

Type	Height	Mounting	Qty.	Order No.
MK 6/2	23.5		50	**0620420000**
MK 6/3	36.5	13	50	**0620320000**
MK 6/4	49.5	26	20	**0620220000**
MK 6/6	75.5	52	20	**0620120000**

Screw connection with clamping yoke technology (W-Series)
Mini terminal blocks for enclosure wiring

	MK 5/2 0.DE	2.5 mm²	KS 2...10	2.5 mm²
Width/Height/Depth mm	18 x 40 x 14.2		25 x 138 x 17.5	
max. current / max. cond. cross-section A/mm²	**24 / 4**		**24 / 4**	
Max. clamping range mm²	**0.2...4**		**0.2...4**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500	300		
Rated current	24	25		
for wire cross-section	2.5	AWG 20...14		
Rated impulse withstand voltage / Pollution severity	6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / 5VA			
Approvals	CE, CSA			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5			
Tightening torque range (terminal screw)	0.4(M 2.5)			
Stripping length / Blade size	5 / 0.6 x 3.5 mm			

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500	300	300	
Rated current	24	20	25	
for wire cross-section	2.5	AWG 24...12	AWG 24...12	
Rated impulse withstand voltage / Pollution severity	6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / 5VA			
Approvals	CE, CSA, UL			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5			
Tightening torque range (terminal screw)	0.5...0.7 Nm (M 3)			
Stripping length / Blade size	8 / 4.0 x 0.8 mm			

Note

Ordering data

Order data, sorting catalogue 1/SAK

	Type	Height	Mounting	Qty.	Order No.
2-pin	MK 5/2 0.DE	40	32	100	**0243820000**
3-pin					
4-pin					
6-pin					
10-pin					
12-pin					

	Type	Height	Mounting	Qty.	Order No.
	KS 2 0.D2	42	32	100	**0134420000**
	KS 4 0.D4	66	56	50	**0140320000**
	KS 6 0.D6	90	80	50	**0140620000**
	KS 10 0.D10	138	128	20	**0141620000**

Note

Accessories

Lid / cover

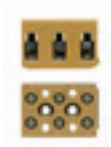
Type	Qty.	Order No.
D 2 MK5/2 PA/NA	50	**0244060000**

Type	Qty.	Order No.
D2 KS2 TP	100	**0134500000**
D4 KS4 TP	50	**0140500000**
D6 KS6 TP	50	**0140800000**
D10 KS10 TP	20	**0141800000**

Marking strips, printed

For detailed information on other accessories and application in the online catalogue

BK 2...12 — 4 mm²



22 x 92 x 20
32 / 4
0.33...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	150	300	
32	20	10	
4	AWG 26...12	AWG 22...12	
	6 kV / 3		
	A3 / V-0, 5VA		

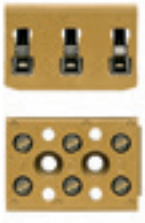
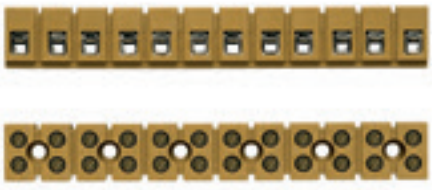
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...0.6 Nm (M 3)
8 / 4.0 x 0.8 mm

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm²) can be connected.

Type	Height	Mounting	Qty.	Order No.
BK 2 CRN	20		100	**0624720000**
BK 3 CRN	31	11	100	**0624920000**
BK 4 CRN	38	18	100	**0625120000**
BK 6 CRN	52	32	50	**0625220000**
BK 12 CRN	92	72.5	25	**0625320000**

Type	Qty.	Order No.
BSTB 28/4 BK U 1-4	50	**0197300000**

Screw connection with clamping yoke technology (W-Series)
Mini terminal blocks for enclosure wiring

	BK 2...12/E	4 mm²	MK 3/2...12/E	2.5 mm²
	Solid / stranded **Flexible / flexible with wire-end ferrule**			
				
Width/Height/Depth	22 x 92 x 20	mm	15 x 110 x 16.1	mm
max. current / max. cond. cross-section	**32 / 4**	A/mm²	**24 / 4**	A/mm²
Max. clamping range	**0.33...4**	mm²	**0.33...4**	mm²

Technical data

	BK 2...12/E				MK 3/2...12/E			
Rated data								
	IEC 60947-7-1			Ex e IIII 2 G D	IEC 60947-7-1			Ex e IIII 2 G D
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	400	150	300	275	400	300	300	275
Rated current	32	20	10	28	24	20	25	21
for wire cross-section	4	AWG 26...12	AWG 22...12	4 mm²	2.5	AWG 22...12	AWG 22...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity	6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0, 5VA				A2 / 5VA			
Approvals	BAS 98ATEX3084 U				BAS 99ATEX2124 U			
Clamped conductors (H05V/H07V)								
	Rated connection				**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...4				0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...4 / 0.5...4				0.5...2.5 / 0.5...1.5			
Tightening torque range (terminal screw)	0.5...0.6 Nm (M 3)				0.4...0.45 Nm (M 2.5)			
Stripping length / Blade size	8 / 4.0 x 0.8 mm				5 / 0.6 x 3.5 mm			
Note	Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm²) can be connected.							

Ordering data

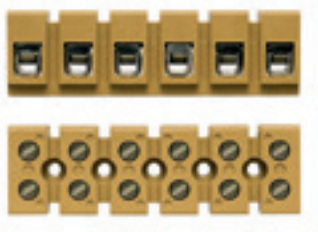
Order data, sorting catalogue 1/SAK	BK 2...12/E					MK 3/2...12/E				
	Type	**Height**	**Mounting**	**Qty.**	**Order No.**	**Type**	**Height**	**Mounting**	**Qty.**	**Order No.**
2-pin	BK 2/E	20		100	**7906040000**	MK 3/2/E	17.4	18.5	100	**7906110000**
3-pin	BK 3/E	31	11	100	**7906060000**	MK 3/3/E	26.5	18.5	50	**7906120000**
4-pin	BK 4/E	38	18	100	**7906080000**	MK 3/4/E	35.75	18.5	50	**7906130000**
5-pin										
6-pin	BK 6/E	52	32	50	**7906090000**	MK 3/6/E	54.25	37	50	**7906150000**
8-pin						MK 3/8/E	72.75	55.5	25	**7906170000**
12-pin	BK 12/E	92	72.5	25	**7906100000**	MK 3/12/E	110	92.5	20	**7906210000**
Note	*DU = feed-through terminals, PE = PE terminals									

Accessories

	BK 2...12/E			MK 3/2...12/E		
Marking strips, printed	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	BSTB 28/2 BK U 1-2	50	**0203600000**	BSTB 28/12 MK U 1-12	50	**0245900000**
	BSTB 28/4 BK U 1-4	50	**0197300000**	BSTB 28/8 MK U 1-8	50	**0290200000**
				BSTB 28/6 MK U 1-6	50	**0290000000**
Marking strips, unprinted						
				BSTO 28/12 MK	50	**0245800000**
				BSTO 28/8 MK3/8	50	**0284700000**
				BSTO 28/6 MK	50	**0289500000**
				BSTO 28/4 MK3/4	50	**0289300000**

For detailed information on other accessories and application in the online catalogue

MK 6/2...6/E — 6 mm²



23 x 23.5 x 22
41 / 6
0.33...6

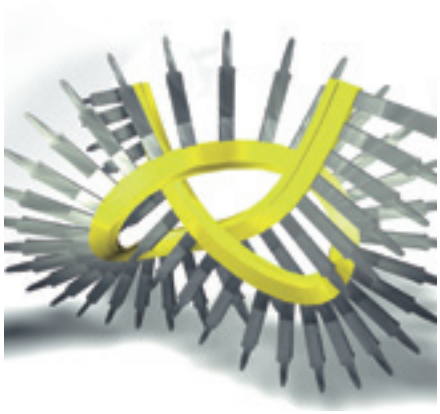
IEC 60947-7-1

Ex e IIII
2 G D

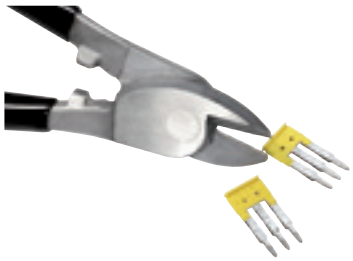
IEC	UL	CSA	EN 60079-7
690	300		440
41	30		36
6	AWG 22...10		6 mm²
	8 kV / 3		
	A3 / 5VA		
			BAS 99ATEX2123 U

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2 Nm (M 4)
9 / 4.0 x 0.8 mm

Type	Height	Mounting	Qty.	Order No.
MK 6/2/E	23.5		50	**7906220000**
MK 6/3/E	36.5	13	50	**7906230000**
MK 6/4/E	49.5	26	20	**7906240000**
MK 6/5/E	6250	26	20	**7906250000**
MK 6/6/E	75.5	52	20	**7906260000**

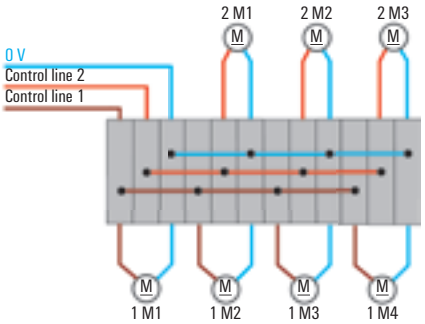


Continuous cross-connection
ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles.
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



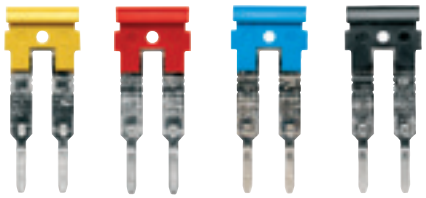
Special features of
WDU 2.5, WDU 4 und WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials
  Important! Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials
  Important! Only when using the outer cross-connection holes at 250 V
- The middle cross-connection hole can be used for either ZQV or WQV



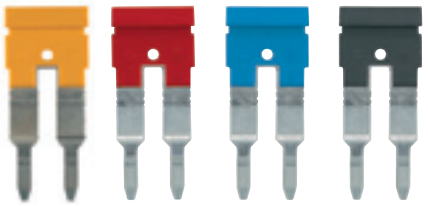
Important! By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.

ZQV 2.5N



No. of poles	Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 2.5N/2	24	60	1693800000	1717900000	1717990000	1718080000
3	ZQV 2.5N/3	24	60	1693810000	1717910000	1718000000	1718090000
4	ZQV 2.5N/4	24	60	1693820000	1717920000	1718010000	1718100000
5	ZQV 2.5N/5	24	20	1693830000	1717930000	1718020000	1718110000
6	ZQV 2.5N/6	24	20	1693840000	1717940000	1718030000	1718120000
7	ZQV 2.5N/7	24	20	1693850000	1717950000	1718040000	1718130000
8	ZQV 2.5N/8	24	20	1693860000	1717960000	1718050000	1718140000
9	ZQV 2.5N/9	24	20	1693870000		1718060000	1718150000
10	ZQV 2.5N/10	24	20	1693880000	1717980000	1718070000	1718160000
20*	ZQV 2.5N/20*	24	20	1909000000*	1909110000*	1909140000*	1909130000*
	* Caution not finger save, not aproved for ATEX use						

For terminal standard	compact
WDU 2.5/1.5 ZR	WDU 2.5N
WDU 2.5	WDK 2.5N
WDK 2.5/ ZQV	WDK 2.5N V
WDU 1.5 BLZ 5.08/ ZQV	WDK 2.5N DU-PE
	WMF 2.5...



No. of poles	Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 4N/2	32	60	1758250000	1793950000	1793960000	1793970000
3	ZQV 4N/3	32	60	1762630000	1793980000	1793990000	1794000000
4	ZQV 4N/4	32	60	1762620000	1794010000	1794020000	1794030000
5							
6							
7							
8							
9							
10	ZQV 4N/10	32	20	1758260000	1794040000	1794050000	1794060000
20	ZQV 4N/20	32	20	1909020000	1909150000	1909100000	1909120000

For terminal standard	compact
WDU 4	WDU 4N
WTR 4	WDK 4N
WTR 4 SI	WDK 4N V
WTR 4 SL	WDK 4N DU-PE
WTR 4/ZZ+ZR	WDK 2.5N V
WDU/PE4/ZZ+ZR	WDK 2.5N DU-PE

WQV 2.5

Technical data		
Current	A	32 / 32
Type of fixing		Screwed
Pitch	mm	5,10

Ordering data	Type	Qty.	Order No.
2-pole	WQV 2.5/2	50	1053660000
3-pole	WQV 2.5/3	50	1053760000
4-pole	WQV 2.5/4	50	1053860000
5-pole	WQV 2.5/5	10	1053960000
6-pole	WQV 2.5/6	10	1054060000
7-pole	WQV 2.5/7	10	1054160000
8-pole	WQV 2.5/8	10	1054260000
9-pole	WQV 2.5/9	10	1054360000
10-pole	WQV 2.5/10	20	1054460000
15-pole	WQV 2.5/15	10	1059660000
20-pole	WQV 2.5/20	10	1577570000
32-pole	WQV 2.5/32	10	1577600000

For terminal:

WDU 1.5 ZZ	WDK 2.5
WDU 1.5 BLZ	WDK 2.5 V
WDU 2.5/1.5 ZR	WDK 2.5 DU-PE
WDU 2.5	WDK 2.5 F
WDU 2.5 F	

WQV 4

Technical data		
		/ 32
		Screwed
		6,10

Type	Qty.	Order No.
WQV 4/2	50	1051960000
WQV 4/3	50	1054560000
WQV 4/4	50	1054660000
WQV 4/5	10	1057860000
WQV 4/6	10	1057160000
WQV 4/7	10	1057260000
WQV 4/10	20	1052060000

For terminal:

WDU 4
WDU 4 SL

WQV 6

Technical data		
		/ 57
		Screwed
		8,00

Type	Qty.	Order No.
WQV 6/2	50	1052360000
WQV 6/3	50	1054760000
WQV 6/4	50	1054860000
WQV 6/5	50	1062660000
WQV 6/6	50	1062670000
WQV 6/7	50	1062680000
WQV 6/10	20	1052260000

For terminal:

WDU 6
WDU 6 SL

WQV 35N

Technical data		
Current	A	/ 101
Type of fixing		Screwed
Pitch	mm	16,00

Ordering data	Type	Qty.	Order No.
2-pole	WQV 35N/2	20	1079200000
3-pole	WQV 35N/3	20	1079300000
4-pole	WQV 35N/4	20	1079400000
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
15-pole			
20-pole			
32-pole			

For terminal:

WDU 35N

WQV 50N

Technical data		
		/ 150
		Screwed
		18,50

Type	Qty.	Order No.
WQV 50N/2	5	1834060000
WQV 50N/3	5	1834070000
WQV 50N/4	5	1834080000

For terminal:

WDU 50N

WQV 70N

Technical data		
		/ 192
		Screwed
		20,50

Type	Qty.	Order No.
WQV 70N/2	5	9512240000
WQV 70N/3	5	9512250000
WQV 70N/4	5	9531290000

For terminal:

WDU 70N

WQV 10

/ 57
Screwed
10,00

Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

For terminal:
WDU 10
WDU 10 SL
WDU 10 ZR

WQV 16

101 / 76
Screwed
12,00

Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

For terminal:
WDU 16

WQV 16N

101 / 76
Screwed
12,00

Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

For terminal:
WDU 16N

WQV 35

/ 112
Screwed
16,00

Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

For terminal:
WDU 35

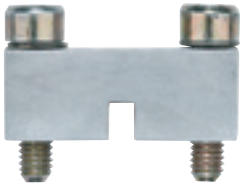
WQV 70/95

/ 192
Screwed
27,00

Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

For terminal:
WDU 70/95

WQV 95N/120N



269 / 269
Screwed
27,00

Type	Qty.	Order No.
WQV 95N/120N-2	5	1826890000
WQV 95N/120N-3	5	1826900000
WQV 95N/120N-4	5	1826910000

For terminal:
WDU 95N/120N

WQV 120

/ 269
Screwed
32,00

Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000

For terminal:
WDU 120/150

Screwable QV

Q AKZ 4 SS

Technical data	
Current	A
Type of fixing	
Pitch	mm
Ordering data	
	2-pole
	3-pole
	4-pole
	5-pole
	10-pole
	20-pole

20 / 20		
Screwed		
6,10		
Type	**Qty.**	**Order No.**
Q 2 AKZ4SS	50	**0369000000**
Q 10 AKZ4SS	20	**0369300000**
For terminal:		
WDK 2.5 / 800 V		

Q / DLI

20 / 20		
Screwed		
5,00		
Type	**Qty.**	**Order No.**
Q 2 DLI	50	**1312500000**
Q 3 DLI	50	**1312600000**
Q 4 DLI	50	**1312700000**
Q 10 DLI	20	**1313100000**
Q 20 DLI	20	**1399800000**
For terminal:		
DLI 2.5		
DLA 2.5		
DLD 2.5		

Q AKZ 1.5

/ 24		
Screwed		
5,10		
Type	**Qty.**	**Order No.**
Q 2 AKZ1.5	50	**0368200000**
Q 3 AKZ1.5	50	**0368300000**
Q 4 AKZ1.5	50	**0368400000**
Q 10 AKZ1.5	20	**0368500000**
For terminal:		
AKZ 1.5		
AKZ 2.5		

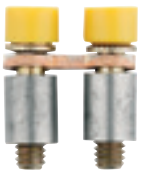
Screwable QV

Q AKZ 4

Technical data	
Current	A
Type of fixing	
Pitch	mm
Ordering data	
	2-pole
	3-pole
	4-pole
	5-pole
	10-pole
	20-pole

32 / 32		
Screwed		
6,10		
Type	**Qty.**	**Order No.**
Q 2 AKZ4	50	**0336400000**
Q 3 AKZ4	50	**0336500000**
Q 4 AKZ4	50	**0336600000**
Q 10 AKZ4	20	**0368600000**
For terminal:		
AKZ 4		

Q / WDL



/ 24		
Screwed		
6,10		
Type	**Qty.**	**Order No.**
Q 2 WDL2.5S	50	**1071500000**
Q 3 WDL2.5S	50	**1071600000**
Q 4 WDL2.5S	50	**1071700000**
Q 10 WDL2.5S	20	**1071800000**
Q 20 WDL2.5S	20	**1074200000**
For terminal:		
WDL 2.5/S...(with 10 x 3 busbar)		
WDL 2.5 (With isolator, external side)		

Potential supply with cross-section reduction

Power supply via
Output terminal

WDU 35
onto WDU 2.5

Technical data		to WDU 35	to WDU 2.5	
Continuous current 2-pole	A	41		
Thread size		M 4	M 2.5	
Tightening torque	Nm	1.2 ... 1.8	0.4 ... 0.7	
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	WQV 35-2.5	10	**1064100000**

WDU 35
onto WDU 10

to WDU 35	to WDU 10	
57		
M 4	M 3	
1.2 ... 1.8	0.5 ... 0.8	
Type	**Qty.**	**Order No.**
WQV 35-10	10	**1068000000**

Power supply via
Output terminal

WDU 16
WDU 2.5

Technical data		to WDU 16	to WDU 2.5	
Continuous current 2-pole	A	41		
Thread size		M 4	M 2.5	
Tightening torque	Nm	1.2 ... 1.8	0.4 ... 0.7	
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	WQV 16-2.5	10	**1063900000**

WDU 16N
WDU 2.5

to WDU 16	to WDU 2.5	
24		
M 3	M 2.5	
0.5 ... 0.8	0.4 ... 0.7	
Type	**Qty.**	**Order No.**
WQV 16N-2.5	10	**1073100000**

WDU 16N
WDU 4 / WDU 6

to WDU 16N	to WDU 4 / 6	
41		
M 3	M 3	
0.5 ... 0.8	0.5 ... 0.8	
Type	**Qty.**	**Order No.**
WQV 16N-4/6	10	**1072500000**

Power supply via
Output terminal

WDU 10
WDU 2.5

Technical data		to WDU 10	to WDU 2.5	
Continuous current 2-pole	A	24		
Thread size		M 3	M 2.5	
Tightening torque	Nm	0.5 ... 0.8	0.4 ... 0.7	
Ordering data		**Type**	**Qty.**	**Order No.**
	2-pole	Q WDU10-2.5 SET	10	**1859620000**
Note		not finger-safe		

WDU 6
WDU 2.5

to WDU 6	to WDU 2.5	
24		
M 3	M 2.5	
0.5 ... 0.8	0.4 ... 0.7	
Type	**Qty.**	**Order No.**
Q WDU6-2.5 SET	10	**1859600000**
not finger-safe		

Note:
Cross-section reducing cross-connectors may **not** be used in ATEX applications.

Test adapter

WTA 1

Dimensions		
Width / Length / Height	mm	5 / 66.1 / 98.2
Stripping length	mm	6
Rated data		**IEC UL CSA**
Rated voltage	V	250 300 300
Rated current	A	6 6 6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

Ordering data	Type	Qty.	Order No.
1-pole	WTA 1 WDU1.5	25	1632290000
With snap-in pegs	WTA 1/ZA WDU1.5	25	1632300000
10-pole			

For terminal:
WDU 2.5N
WDU 4N

WTA 2

Dimensions		
Width / Length / Height	mm	5 / 66.1 / 107.6
Stripping length	mm	6
Rated data		**IEC UL CSA**
Rated voltage	V	250 300
Rated current	A	6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

Ordering data	Type	Qty.	Order No.
1-pole	WTA 2 WDU2.5-10	25	1632320000
With snap-in pegs	WTA 2/ZA WDU2.5-10	25	1632330000
10-pole	WTA 2/10 WDU2.5/10	5	1632340000

For terminal:	
WDU 1.5 ZZ	WDU 4
WDU 2.5/1.5 ZR	WDU 6
WDU 2.5	WDU 10
WDU 2.5 F	WDU 16

WTA 3

Dimensions		
Width / Length / Height	mm	6 / 66.1 / 107.6
Stripping length	mm	6
Rated data		**IEC UL CSA**
Rated voltage	V	250 300
Rated current	A	6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

Ordering data	Type	Qty.	Order No.
1-pole	WTA 3 WDU4	25	1632350000
With snap-in pegs	WTA 3/ZA WDU4	25	1632360000
10-pole			

For terminal:
WDU 4
WDU 6
WDU 10

Test adapter

WTA 6

Dimensions		
Width / Length / Height	mm	5 / 66.1 / 107.6
Stripping length	mm	6
Rated data		**IEC UL CSA**
Rated voltage	V	250 300 300
Rated current	A	6 6 6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

Ordering data	Type	Qty.	Order No.
1-pole	WTA 6 WTR2.5	25	1632380000
With snap-in pegs	WTA 6/ZA WTR2.5	25	1632390000
10-pole			

For terminal:
WTR 2.5

WTA 7

Dimensions		
Width / Length / Height	mm	6 / 68 / 120
Stripping length	mm	6
Rated data		**IEC UL CSA**
Rated voltage	V	250 300
Rated current	A	6
Rated cross-section	mm²	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm²	0.5…1.5
flexible / flexible with ferrule	mm²	1…1.5 / 0.5…1.5

Ordering data	Type	Qty.	Order No.
1-pole	WTA 7 WSI6	25	1650210000
With snap-in pegs			
10-pole			

For terminal:
WSI 6

WTA 4N

5 / 62 / 111.6		

IEC	UL	CSA
250	300	
6		
1.5		

0.5…1.5
1…1.5 / 0.5…1.5

Type	Qty.	Order No.
WTA 4N WDK 2.5	25	**1878660000**
WTA 4N/ZA WDK 2.5	25	**1879350000**

For terminal:
WDK 2.5
WDK 2.5 V
WDK 2.5 F
WDK 2.5 FV

WTA 5

5 / 17 / 68.2		
6		

IEC	UL	CSA
250	300	
6		
1.5		

0.5…1
1…1 / 0.5…1

Type	Qty.	Order No.
WTA 5/1	25	**1051260000**

For terminal:	
WDU 2.5	WDU 10
WDU 4	
WDU 6	

Test adapter

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm²
Clamped conductors (H05V/H07V)	
solid / stranded	mm²
flexible / flexible with ferrule	mm²
Ordering data	
	green
	beige

WTA 8

6 / 39 / 78

IEC	UL	CSA
205		
6		
1.5		

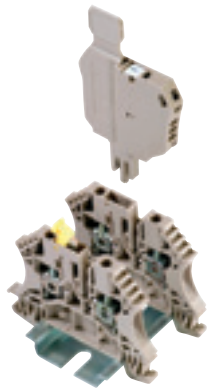
0.5…2.5

Type	Qty.	Order No.
WTA 8KO-TN	25	**1915480000**
WTA 8 TN	25	**1915450000**

For terminal:
WTL 4/2 StB

TN-KO = Isolate - Contact
KO-TN = Contact - Isolate
TN = Isolate

SIHA fuse holder



For 5x20 G-fuse cartridges
The SIHA fuse holder turns a test disconnect terminal into a fuse terminal in seconds: Simply remove the isolating lever and insert the fuse plug

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement
- Marking position for Dekafix 5 and space for self-adhesive label size 8/20

1. Open fuse holder with fingers or screwdriver

2. Press out old fuse

3. Position new fuse

4. Press fuse holder together again

SIHA 1

	Qty.	Order No.
without LED		
SIHA1/G20		
400 V	1	**9537550000**
with LED (red)		
SIHA1/G20		
10 - 36 V	1	**9537560000**

For test-disconnect terminal versions
WTR 2.5/ZZ

SIHA 3

	Qty.	Order No.
without LED		
SIHA3/G20		
400 V	1	**7921560000**
with LED (red)		
SIHA3/G20		
10 - 36 V	1	**7921570000**
35 - 70 V	1	**7921580000**
60 - 150 V	1	**7921590000**
140 - 250 V	1	**7921600000**

For test-disconnect terminal versions
WTR 4
WTR 4/ZZ
WTR 4/ZR
WTR 2.5

SIHA STRAP

	Qty.	Order No.
with strap		
SIHA STRAP		
	20	**9537680000**

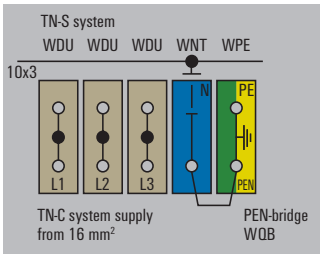
Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either left or right

PEN bridges

Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

Standard installation
Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm². **Important!** For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

Building installation with N-conductor isolation
Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



External PEN bridge

Inside PEN bridge

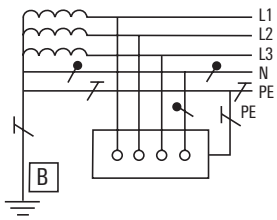
WQB-PEN ...

Type	Qty.	Order No.	For terminal
with standard terminals			
WQB-PEN 10	10	**1060300000**	WPE 10 WDU 10 BL
WQB-PEN 16	10	**1060200000**	WPE 16 WDU 16 BL
WQB-PEN 35	10	**1060100000**	WPE 35 WDU 35 BL
with compact terminals			
WQB-PEN 16N	10	**1079600000**	WNT 16N WPE 16N
WQB-PEN 35N	10	**1079500000**	WNT 35N WPE 35N
WQB-PEN 70N	10	**1079700000**	WNT 70N WPE 70N

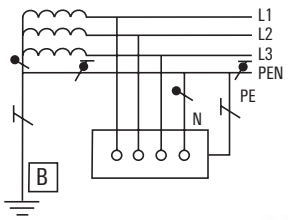
WQV ... -PEN

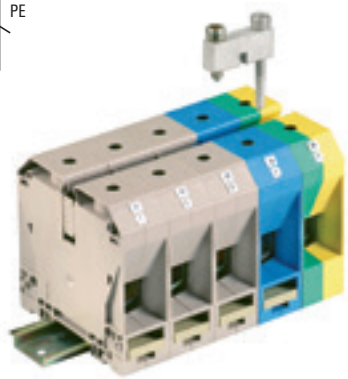
Type	Qty.	Order No.	For terminal
WQV 16N-PEN	10	**1071360000**	WPE 16N WDU 16N BL
WQV 70N-PEN	5	**9525840000**	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	**1072300000**	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	**1072400000**	WPE 120/150 WDU 120/150 BL
WQV 50N-PEN		**9201610000**	WPE 50N WDU 50N
WQV 95N/120N-PEN		**9201630000**	WPE 95N/120N WDU 95N/120N

TN-S system:



TN-C system:





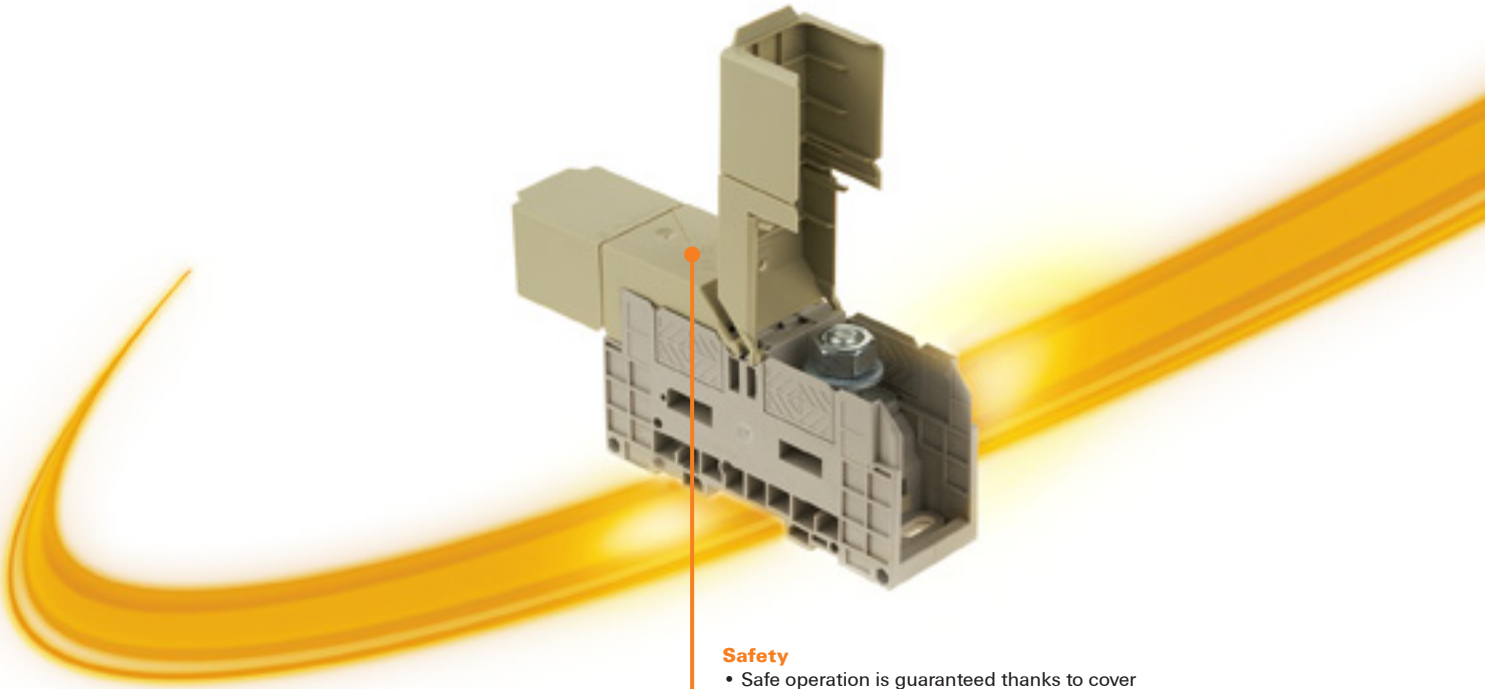
Robust connection for harsh conditions

Klippon® Connect offers maintenance-free contacts using stud technology

Whether it is the supply of high power levels to engines, quick and safe coupling of carriages, energy distribution in the carriages and parts thereof, traffic engineering in general, and high-speed trains especially, all pose real challenges for connectivity. For reliable power transfer in these challenging conditions, we offer series WF, WFF and ST 400 stud terminals. With crimped cable lugs, the conductors are laid on the threaded pins and securely connected together by tightening the hex nut to the required torque. The robust processing guarantees the ultimate in safety.

Our promise

Our stud terminals are an established, robust connection alternative for particularly harsh environments. The extensive accessories and quality workmanship ensure high productivity in planning and installation – and sustainable safety in operation.

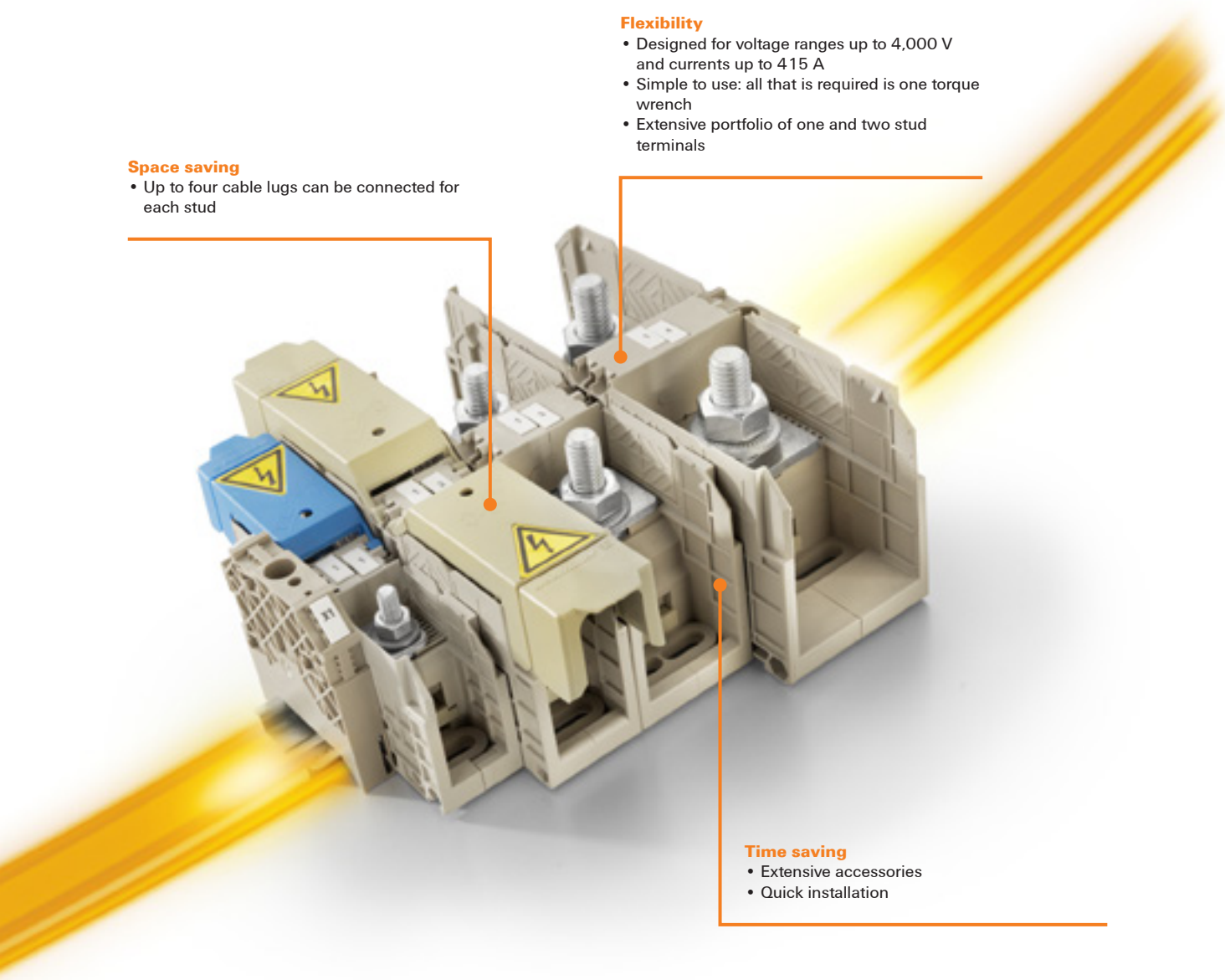


Safety

- Safe operation is guaranteed thanks to cover profiles or the snap-on and screwable hinged hoods
- All materials comply with the fire safety regulations found in DIN EN 45545
- All stud terminals are tested in line with the railway standards and made of self-extinguishing material

Flexibility
- Designed for voltage ranges up to 4,000 V and currents up to 415 A
- Simple to use: all that is required is one torque wrench
- Extensive portfolio of one and two stud terminals

Space saving
- Up to four cable lugs can be connected for each stud



Time saving
- Extensive accessories
- Quick installation

Overview

In all applications where reliable power transfer is key, our stud terminals are the safe solution.

Clever operating concept:
The WF and WFF stud terminal series are available as single and two-stud terminals. The option of a built-in folding hinged hood gives the two-stud terminals in the WFF-Series a particularly high level of safety.

Robust and high performance:
The ST 400 stud terminals, made of glass-fibre reinforced, flame resistant artificial resin for operating voltages of up to 4 kV, are specially designed for use on rail vehicles and tested to meet railway standards. They are perfect for applications with high requirements in terms of vibration and shock resistance.

	WF 5	WF 5 NFF
	16 mm²	16 mm²
	Screw thread M5	Screw thread M5
Width/Height/Depth mm	13 x 67 x 54.5	13 x 67 x 54.5
max. current / max. cond. cross-section A	**76 / 16**	**76 / 16**
Max. clamping range mm²	**0.1...16**	**0.1...16**

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000	1000	
Rated current	A	76	85	85	
for wire cross-section	mm²	16	AWG 10...4	AWG 10...4	
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0		
Approvals					
Clamped cable lugs					
Cable lug to DIN 46234		0.1...16 mm²			
2 x cable lugs DIN 46 234		0.1...16 mm²			
Cable lug to DIN 46235		6...10 mm²			
2 x cable lugs DIN 46 235		6...10 mm²			
Tightening torque range		2...4 Nm			
Note		1000 V UL and CSA for usage groups B and C can be used with isolating DIN rails and when using WTW WF6 1781220000 partition plates.			

Rated data with Wemid partition wall		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000			
Rated current	A	76			
for wire cross-section	mm²	16			
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0		
Approvals					
Clamped cable lugs					
Cable lug to DIN 46234		0.1...16 mm²			
2 x cable lugs DIN 46 234					
Cable lug to DIN 46235		6...10 mm²			
2 x cable lugs DIN 46 235					
Tightening torque range		2...4 Nm			
Note					

Ordering data

Version		Type	Qty.	Order No.
	dark beige	WF 5	25	**1790130000**
Note		1000 V DC rated voltage passed with the WTW WF6 1781220000 partition plate.		

Version		Type	Qty.	Order No.
	dark beige	WF 5 NFF	25	**1968990000**
Note				

Accessories

Cross-connection		Type	current	Qty.	Order No.
	2-pole	WQL 2 WF5	101 A	5	**1812710000**
	3-pole	WQL 3 WF5		5	**1812740000**
	4-pole				
Partition plate					
	dark beige	WTW WF6-WF12		20	**1781240000**
	Beige epoxy resin	WTW WF6 2300		20	**1781230000**
End bracket					
	dark beige	WEW 35/2		100	**1061200000**
Hood transparent					
	Hood transparent	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover transparent					
	Holder for shrouding cover transparent	HA ADP WF6/WF10		10	**1781050000**
Identification systems		WS 12/5 MC NE WS		720	**1609860000**

Cross-connection		Type	current	Qty.	Order No.
	2-pole	WQL 2 WF5	101 A	5	**1812710000**
	3-pole	WQL 3 WF5		5	**1812740000**
	4-pole				
Partition plate					
	dark beige	WTW WF6-WF12		20	**1781240000**
	Beige epoxy resin	WTW WF6 2300		20	**1781230000**
End bracket					
	dark beige	WEW 35/2		100	**1061200000**
Hood transparent					
	Hood transparent	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover transparent					
	Holder for shrouding cover transparent	HA ADP WF6/WF10		10	**1781050000**
Identification systems		WS 15/5 MC NE WS		480	**1609880000**
		DEK 5/6 MC NE WS		1000	**1609820000**

For detailed information on other accessories and application in the online catalogue	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1	With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

WF 6 — 35 mm²

Screw thread M6

17.8 x 67 x 54.5
125 / 35
2.5...35

IEC	UL	CSA	EN 60079-7
1000		1000	
125		150	
35		AWG 14...2	
	8 kV / 3		
	/ V-0		
CE cULus KEMA			
2.5...35 mm²			
2.5...35 mm²			
6...25 mm²			
6...25 mm²			
3...6 Nm			

1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 6	25	1780850000

1000 VDC rated voltage tested.

Type	current	Qty.	Order No.
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
WTW WF6		20	1781220000
WTW WF6 2300		20	1781230000
WEW 35/2		100	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000
WS 10/6 MC NE WS		600	1828450000

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

WF 6 NFF — 35 mm²

Screw thread M6

17.8 x 67 x 54.5
125 / 35
2.5...35

IEC	UL	CSA	EN 60079-7
1000			
125			
35			
	8 kV / 3		
	/ V-0		
2.5...35 mm²			
6...35 mm²			
3...6 Nm			

Type	Qty.	Order No.
WF 6 NFF	25	1969000000

Type	current	Qty.	Order No.
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
WTW WF6-WF12		20	1781240000
WTW WF6 2300		20	1781230000
WEW 35/2		100	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000
WS 15/5 MC NE WS		480	1609880000
DEK 5/6 MC NE WS		1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

WF 8 — 50 mm²

Screw thread M8

22.8 x 67 x 63.5
150 / 50
2.5...50

IEC	UL	CSA	EN 60079-7
1000		1000	
150		200	
50		AWG 14...0	
	8 kV / 3		
	/ V-0		
CE cULus KEMA			
2.5...50 mm²			
2.5...50 mm²			
6...35 mm²			
6...35 mm²			
6...12 Nm			

The WQL 2 for WF 6 on the WF 8 is available under Order no. 1808980000.

Type	Qty.	Order No.
WF 8	25	1780860000

1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WF8	150 A	5	1780990000
WQL 3 WF8	150 A	5	1781000000
WTW WF8		20	1780900000
WTW WF8 2300		20	1780910000
WEW 35/2		100	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000
WS 10/6 MC NE WS		600	1828450000

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

	WF 8 NFF	WF 10
	50 mm²	120 mm²
	Screw thread M8	Screw thread M10
Width/Height/Depth mm	22.8 x 67 x 63.5	33.8 x 67 x 72.5
max. current / max. cond. cross-section A	**150 / 50**	**269 / 120**
Max. clamping range mm²	**2.5...50**	**6...120**

Technical data

Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7
Rated voltage V	1000		1000	
Rated current A	150		320	
for wire cross-section mm²	50		AWG 10...250	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0		
Approvals				
Clamped cable lugs				
Cable lug to DIN 46234	2.5...50 mm²		6...120 mm²	
2 x cable lugs DIN 46 234			6...120 mm²	
Cable lug to DIN 46235	6...35 mm²		10...95 mm²	
2 x cable lugs DIN 46 235			10...95 mm²	
Tightening torque range	6...12 Nm		10...20 Nm	
Note			The WQL 2 for WF 6 on the WF 10 is available under Order no. 1806620000.	

Ordering data

Version	Type	Qty.	Order No.
dark beige	WF 8 NFF	25	**1968960000**
Note			

Type	Qty.	Order No.
WF 10	20	**1780870000**
1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.		

Accessories

Cross-connection	Type	current	Qty.	Order No.
2-pole	WQL 2 WF8	150 A	5	**1780990000**
3-pole	WQL 3 WF8	150 A	5	**1781000000**
4-pole				
Partition plate				
dark beige	WTW WF6-WF12		20	**1781240000**
Beige epoxy resin	WTW WF8 2300		20	**1780910000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Hood transparent				
Hood transparent	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover transparent				
Holder for shrouding cover transparent	HA ADP WF6/WF10		10	**1781050000**
Identification systems	WS 15/5 MC NE WS		480	**1609880000**
	DEK 5/6 MC NE WS		1000	**1609820000**

Type	current	Qty.	Order No.
WQL 2 WF10	265 A	5	**1781010000**
WQL 3 WF10	265 A	5	**1781020000**
WQL 4 WF10		5	**1027840000**
WTW WF10/WF12		20	**1780890000**
WTW WF10/WF12 2300		20	**1780920000**
WEW 35/2		100	**1061200000**
ADP WF10/WF12		1	**1780940000**
HA ADP WF6/WF10		10	**1781050000**
WS 10/6 MC NE WS		600	**1828450000**

For detailed information on other accessories and application in the online catalogue

With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

WF 10 NFF — 120 mm²

Screw thread M10

33.8 x 67 x 72.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000			
269			
120			
	8 kV / 3		
	/ V-0		
6...120 mm²			
10...95 mm²			
10...20 Nm			

The WQL 2, for WF 6 on WF 10, is available under order no. 180662000.

Type	Qty.	Order No.
WF 10 NFF	20	1968950000

Type	current	Qty.	Order No.
WQL 2 WF10	265 A	5	1781010000
WQL 3 WF10	265 A	5	1781020000
WTW WF6-WF12		20	1781240000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
SMSE WF10/2XM6		10	1868880000
WS 15/5 MC NE WS		480	1609880000
DEK 5/6 MC NE WS		1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

WF 12 — 120 mm²

Screw thread M12

33.8 x 67 x 70.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...250	AWG 10...250	
	8 kV / 3		
	/ V-0		
6...120 mm²			
6...120 mm²			
10...95 mm²			
10...95 mm²			
14...31 Nm			

Type	Qty.	Order No.
WF 12	20	1780880000

1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WF12	265 A	5	1781030000
WQL 3 WF12	265 A	5	1781040000
WTW WF10/WF12		20	1780890000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
WS 10/6 MC NE WS		600	1828450000

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

WF 12 NFF — 120 mm²

Screw thread M12

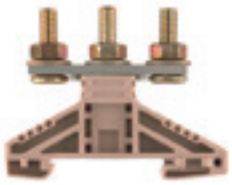
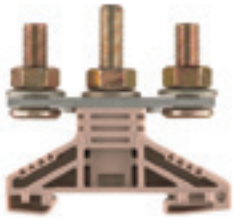
33.8 x 67 x 70.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000			
269			
120			
	8 kV / 3		
	/ V-0		
6...120 mm²			
10...95 mm²			
14...31 Nm			

Type	Qty.	Order No.
WF 12 NFF	20	1968940000

Type	current	Qty.	Order No.
WQL 2 WF12	265 A	5	1781030000
WQL 3 WF12	265 A	5	1781040000
WTW WF6-WF12		20	1781240000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
SMSE WF10/2XM6		10	1868880000
WS 15/5 MC NE WS		480	1609880000
DEK 5/6 MC NE WS		1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

	WF 6/2BZ	WF 8/2BZ
	35 mm²	50 mm²
	Screw thread M6	Screw thread M8
		
Width/Height/Depth mm	17.8 x 67 x 54.5	22.8 x 67 x 63.5
max. current / max. cond. cross-section A	**125 / 35**	**150 / 50**
Max. clamping range mm²	**2.5...35**	**2.5...50**

Technical data

Rated data with Wemid partition wall								
	IEC		UL		CSA		EN 60079-7	
Rated voltage V	1000				1000			
Rated current A	125				115			
for wire cross-section mm²	35							
Rated impulse withstand voltage / Pollution severity	8 kV / 3							
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0							
Approvals								
Clamped cable lugs								
Cable lug to DIN 46234	2.5...35 mm²							
2 x cable lugs DIN 46 234	2.5...35 mm²							
Cable lug to DIN 46235	6...25 mm²							
2 x cable lugs DIN 46 235	6...25 mm²							
Tightening torque range	3...6 Nm							
Note	1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.							

Rated data with Wemid partition wall								
	IEC		UL		CSA		EN 60079-7	
Rated voltage V	1000				1000			
Rated current A	150				150			
for wire cross-section mm²	50							
Rated impulse withstand voltage / Pollution severity	8 kV / 3							
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0							
Approvals								
Clamped cable lugs								
Cable lug to DIN 46234	2.5...50 mm²							
2 x cable lugs DIN 46 234	2.5...50 mm²							
Cable lug to DIN 46235	6...35 mm²							
2 x cable lugs DIN 46 235	6...35 mm²							
Tightening torque range	6...12 Nm							
Note	1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.							

Ordering data

Version	Type	Qty.	Order No.
dark beige	WF 6/2BZ	25	**1789770000**
Note	1000 VDC rated voltage tested.		

Version	Type	Qty.	Order No.
dark beige	WF 8/2BZ	25	**1789780000**
Note	1000 VDC rated voltage tested.		

Accessories

Cross-connection	Type	current	Qty.	Order No.
2-pole	WQL 2 WF6	125 A	5	**1780970000**
3-pole	WQL 3 WF6	125 A	5	**1780980000**
Partition plate				
dark beige	WTW WF10/WF12		20	**1780890000**
Beige epoxy resin	WTW WF6 2300		20	**1781230000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Hood transparent				
Hood transparent	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent				
Holder for shrouding cover transparent	HA ADP WF6/WF10		10	**1781050000**
Identification systems				
	WS 12/5 MC NE WS		720	**1609860000**
For detailed information on other accessories and application in the online catalogue	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1			

Cross-connection	Type	current	Qty.	Order No.
2-pole	WQL 2 WF8	150 A	5	**1780990000**
3-pole	WQL 3 WF8	150 A	5	**1781000000**
Partition plate				
dark beige	WTW WF10/WF12		20	**1780890000**
Beige epoxy resin	WTW WF8 2300		20	**1780910000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Hood transparent				
Hood transparent	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent				
Holder for shrouding cover transparent	HA ADP WF6/WF10		10	**1781050000**
Identification systems				
	WS 12/5 MC NE WS		720	**1609860000**
For detailed information on other accessories and application in the online catalogue	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1			

WF 10/2BZ — 120 mm²

Screw thread M10

33.8 x 87.6 x 72.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000		1000	
269		230	
120			
	8 kV / 3		
	/ V-0		
6...120 mm²			
6...120 mm²			
10...95 mm²			
10...95 mm²			
10...20 Nm			

1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 10/2BZ	20	**1789790000**

1000 VDC rated voltage tested.

Type	current	Qty.	Order No.
WQL 2 WF10	265 A	5	**1781010000**
WQL 3 WF10	265 A	5	**1781020000**
WTW WF10/WF12		20	**1780890000**
WTW WF10/WF12 2300		20	**1780920000**
WEW 35/2		100	**1061200000**
ADP WF10/WF12		1	**1780940000**
HA ADP WF6/WF10		10	**1781050000**

With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm² according to prelim. EN 50124 pt 1

	WFF 35	WFF 35 NFF
	35 mm²	35 mm²
	Screw thread M6	
Width/Height/Depth mm	27 x 107 x 51	27 x 107 x 51
max. current / max. cond. cross-section A/mm²	**150 / 50**	**125 / 50**
Max. clamping range mm²	**2.5...50**	**2.5...50**

Technical data

	WFF 35				WFF 35 NFF			
Rated data with Wemid partition wall								
Rated voltage V	IEC 1000	UL 1000	CSA 600	EN 60079-7 1100	IEC 500	UL	CSA	EN 60079-7
Rated current A	125	115	130	109	125			
for wire cross-section mm²	35	AWG 14...2	AWG 14...2	35 mm²	35			
Rated impulse withstand voltage / Pollution severity	8 kV / 3							
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0				/ V-0			
Approvals	KEMA 98ATEX1684 U							
Clamped cable lugs								
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	2.5...50 mm² / 2.5...35 mm²				2.5...50 mm² /			
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	6...25 mm² / 6...25 mm²							
Tightening torque, min.	3				9			
Note								

Ex e II II 2 G D

Ordering data

	WFF 35			WFF 35 NFF		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WFF 35	10	**1028300000**	WFF 35 NFF	5	**1049220000**
dark beige	WFF 35/AH	5	**1029300000**			
blue	WFF 35 BL	10	**1028380000**			
Note	1000 VDC rated voltage tested.					

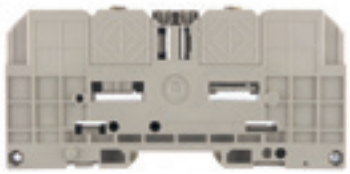
Accessories

	WFF 35				WFF 35 NFF			
Cross-connection	**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
2-pole	WQL 2 WFF35	150 A	5	**1064900000**				
3-pole	WQL 3 WFF35	150 A	5	**1065400000**				
Partition plate								
dark beige	WTW WFF35		10	**1067100000**				
End bracket								
dark beige	WEW 35/1		50	**1059000000**				
Cover hood								
Hood, dark beige Wemid	WAH 35		20	**1064460000**				
Warning triangle for power supply terminals								
	WD 1 25 K KARTE A 6 ST		5	**1563900000**				
Identification systems								
	WS 12/6.5 MC NE WS		540	**1609920000**				

For detailed information on other accessories and application in the online catalogue	WAH 35 in blue, Order no. 1064480000	

WFF 70 — 70 mm²

Screw thread M8



31.8 x 132 x 61
232 / 95
2.5...95

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
192	175	170	167
70	AWG 14...0	AWG 14...0	70 mm²
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U
2.5...95 mm² /			
16...70 mm² / 16...70 mm²			
6			

When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm², the rated voltage is reduced to 800 V.

Type	Qty.	Order No.
WFF 70	10	1028400000
WFF 70/AH	5	1029400000
WFF 70 BL	10	1028480000

1000 VDC tested. 1000 V UL and CSA for use groups B & C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	current	Qty.	Order No.
WQL 2 WFF70	232 A	5	1065000000
WQL 3 WFF70	232 A	5	1065500000
WTW WFF70		10	1067200000
WEW 35/1		50	1059000000
WAH 70 BE		20	1064560000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 70 in blue, Order no. 1064580000

WFF 70 NFF — 70 mm²

32 x 132 x 61
192 / 95
2.5...95

IEC	UL	CSA	EN 60079-7
500			
192			
70			
	/ V-0		
2.5...95 mm² /			
15			

Type	Qty.	Order No.
WFF 70 NFF	5	1049230000

Type	current	Qty.	Order No.

WFF 120 — 120 mm²

Screw thread M10

42 x 132 x 72
309 / 150
6...150

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
269	310	310	234
120	AWG 10...250	AWG 10...250	120 mm²
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U
6...150 mm² / 6...120 mm²			
16...150 mm² /			
10			

Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120/AH	4	1029500000
WFF 120 BL	5	1028580000

1000 VDC rated voltage tested.

Type	current	Qty.	Order No.
WQL 2 WFF120	309 A	5	1065100000
WQL 3 WFF120	309 A	5	1065600000
WTW WFF120		10	1067300000
WEW 35/1		50	1059000000
WAH 120		20	1064660000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 120 in blue, order No. 1064680000

Screw connection with stud technology
Feed-through terminal blocks

		WFF 120 NFF	WFF 185
		120 mm²	185 mm²
			Screw thread M12

		WFF 120 NFF	WFF 185
Width/Height/Depth	mm	42 x 132 x 72.5	55 x 163 x 77.5
max. current / max. cond. cross-section	A/mm²	**269 / 150**	**415 / 240**
Max. clamping range	mm²	**6...150**	**10...240**

Technical data

		WFF 120 NFF				WFF 185			
						IEC 60947-7-1		Ex e II	II 2 G D
Rated data with Wemid partition wall		**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	500				1000	1000	600	1100
Rated current	A	269				353	380	360	307
for wire cross-section	mm²	120				185	AWG 8...500	AWG 8...500	185 mm²
Rated impulse withstand voltage / Pollution severity						8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0				/ V-0			
Approvals						KEMA 98ATEX1684 U			
Clamped cable lugs									
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234		6...150 mm² /				10...240 mm² /			
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235						25...240 mm² /			
Tightening torque, min.		30				14			
Note									

Ordering data

Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	WFF 120 NFF	4	**1049240000**	WFF 185	4	**1028600000**
	dark beige				WFF 185/AH	2	**1029600000**
	blue				WFF 185 BL	4	**1028680000**
Note					1000 VDC rated voltage tested.		

Accessories

Cross-connection		**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
	2-pole					WQL 2 WFF185	415 A	5	**1065200000**
	3-pole					WQL 3 WFF185	415 A	5	**1065700000**
Partition plate									
	dark beige					WTW WFF185/300		10	**1067400000**
End bracket									
	dark beige					WEW 35/1		50	**1059000000**
Cover hood									
	Hood, dark beige Wemid					WAH 185/300 BE		10	**1064760000**
Warning triangle for power supply terminals									
						WD 1 25 K KARTE A 6 ST		5	**1563900000**
Identification systems									
						WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue		WAH 185/300 in blue, Order no. 1064780000

WFF 185 NFF — 185 mm²

55 x 163 x 77.2
353 / 240
10...240

IEC	UL	CSA	EN 60079-7
500			
353			
185			
	/ V-0		
10...240 mm² /			
40			

Type	Qty.	Order No.
WFF 185 NFF	2	**1049250000**

Type	current	Qty.	Order No.

WFF 300 — 300 mm²

Screw thread M16

55 x 163 x 85.5
520 / 300
25...300

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
520	500	510	452
300	AWG 6...600	AWG 6...600	300 mm²
		8 kV / 3	
		/ V-0	
			KEMA 98ATEX1684 U
	25...240 mm² / 25...240 mm²		
	50...300 mm² /		
	25		

Type	Qty.	Order No.
WFF 300	4	**1028700000**
WFF 300/AH	2	**1029700000**

1000 VDC rated voltage tested.

Type	current	Qty.	Order No.
WQL 2 WFF300	520 A	5	**1065300000**
WQL 3 WFF300	520 A	5	**1065800000**
WTW WFF185/300		10	**1067400000**
WEW 35/1		50	**1059000000**
WAH 185/300 BE		10	**1064760000**
WD 1 25 K KARTE A 6 ST		5	**1563900000**
WS 12/6.5 MC NE WS		540	**1609920000**

WAH 185/300 in blue, Order no. 1064780000

Potential distribution from stud terminals M10 to 2 x M6

The potential distribution between adjacent stud terminals can be implemented simply using 2- and 3-pole cross-connections, please consult products in the stud terminal section. Reduced cross-sections are required for special applications. These so-called cross-connection lugs are offered accordingly for varying thread sizes from M6 to M10 with a wide range of combinations.

Ordering data

Type	Qty.	Order No.
SMSE WF10/2XM6	10	1868880000

Note	
	Hole diameter: 10 mm for M10 studs Stud terminals: WF 10... and WFF 120. The rated current is dependent on the test set-up.

WQL special cross-connection lugs

WQL 2 WF 6–10

WQL 3 WF 6–10/2

WQL 2 WF 6/8

Ordering data

Type	Depth	current	Clamping screw	Terminal screw, additional connection	Qty.	Order No.
WQL 2 WF6-10	4 mm	125 A	M 6	M 10	5	1806620000
WQL 3 WF6-10/2	4 mm	125 A	M 6	M 10	5	1806640000
WQL 2 WF6-8	4 mm	125 A	M 6	M 8	5	1808980000
WQL 4 WF8-6/3	4 mm	24 A	M 8	M 6	5	1904960000
Note						

WF cross-connections

Type	Poles	current	Qty.	Order No.
WF 5				
WQL 2 WF5	2	101 A	5	**1812710000**
WQL 3 WF5	3		5	**1812740000**
WF 6 & WF 6/2BZ				
WQL 2 WF6	2	125 A	5	**1780970000**
WQL 3 WF6	3	125 A	5	**1780980000**
WF 8 & WF 8/2BZ				
WQL 2 WF8	2	150 A	5	**1780990000**
WQL 3 WF8	3	150 A	5	**1781000000**
WF 10 & WF 10/2BZ				
WQL 2 WF10	2	265 A	5	**1781010000**
WQL 3 WF10	3	265 A	5	**1781020000**
WQL 4 WF10	4		5	**1027840000**
WF 12				
WQL 2 WF12	2	265 A	5	**1781030000**
WQL 3 WF12	3	265 A	5	**1781040000**
WFF 35				
WQL 2 WFF35	2	150 A	5	**1064900000**
WQL 3 WFF35	3	150 A	5	**1065400000**
WFF 70				
WQL 2 WFF70	2	232 A	5	**1065000000**
WQL 3 WFF70	3	232 A	5	**1065500000**
WFF 120				
WQL 2 WFF120	2	309 A	5	**1065100000**
WQL 3 WFF120	3	309 A	5	**1065600000**
WFF 185				
WQL 2 WFF185	2	415 A	5	**1065200000**
WQL 3 WFF185	3	415 A	5	**1065700000**
WFF 300				
WQL 2 WFF300	2	520 A	5	**1065300000**
WQL 3 WFF300	3	520 A	5	**1065800000**

WF-Series partition plates

Type	Colour	Width	Qty.	Order No.
WTW WF6-WF12	Dark Beige	2.5 mm	20	**1781240000**
WTW WF6	Dark Beige	3 mm	20	**1781220000**
WTW WF8	Dark Beige	3 mm	20	**1780900000**
WTW WF10/WF12	Dark Beige	3 mm	20	**1780890000**

WFF-Series partition plates

Type	Colour	Width	Qty.	Order No.
WTW WFF35	Dark Beige	2 mm	10	**1067100000**
WTW WFF70	Dark Beige	2 mm	10	**1067200000**
WTW WFF120	Dark Beige	2 mm	10	**1067300000**
WTW WFF185/300	Dark Beige	2 mm	10	**1067400000**

Cover profile, transparent

Type	Colour	Width	Qty.	Order No.
WAH 35	Beige	26 mm	20	1064460000
WAH 70 BE	Beige	31 mm	20	1064560000
WAH 120	Beige	41 mm	20	1064660000
WAH 185/300 BE	Beige	54 mm	10	1064760000

WF-Series 2,300 V partition plates

Type	Colour	Width	Qty.	Order No.
WTW WF6 2300	Grey	2 mm	20	1781230000
WTW WF8 2300	Grey	2 mm	20	1780910000
WTW WF10/WF12 2300	Grey	2 mm	20	1780920000

Warning triangle for power supply terminals

Type	Colour	Width	Qty.	Order No.
WD 1 25 K KARTE A 6 ST		20.5 mm	5	1563900000

ST 4000/S M8 — 120 mm²

Screw thread M8

ST 4000/S M10 — 120 mm²

Screw thread M10

		ST 4000/S M8	ST 4000/S M10
Width/Height/Depth	mm	40 x 150 x **269 /**	40 x 150 x **269 /**
max. current / max. cond. cross-section	A		
Max. clamping range	-		

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA	EN 60079-7
Rated voltage	V	4000			
Rated current	A	269			
for wire cross-section	mm²	120			
Rated impulse withstand voltage / Pollution severity			30 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0		
Approvals					
Clamped cable lugs					
Cable lug to DIN 46234		1.5 - 120 mm²			
2 x cable lugs DIN 46 234					
Cable lug to DIN 46235		16...70 mm²			
2 x cable lugs DIN 46 235					
Tightening torque range		6...18 Nm			
Note		Rated voltage when using cable lugs according to DIN 46234			

Rated data with Wemid partition wall		IEC	UL	CSA	EN 60079-7
Rated voltage	V	4000			
Rated current	A	269			
for wire cross-section	mm²	120			
Rated impulse withstand voltage / Pollution severity			30 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0		
Approvals					
Clamped cable lugs					
Cable lug to DIN 46234		4 - 120 mm²			
2 x cable lugs DIN 46 234					
Cable lug to DIN 46235					
2 x cable lugs DIN 46 235					
Tightening torque range		10...20 Nm			
Note		Rated voltage when using cable lugs according to DIN 46234			

Ordering data

Version	Type	Qty.	Order No.
with internal thread	ST 4000/S M8 F	25	**1809120000**
red	ST 4000/S M8	25	**1809110000**
Note	1000 VDC rated voltage tested.Weidmüller produces drawings of the customer-specific ST 4000 application.		

Version	Type	Qty.	Order No.
with internal thread	ST 4000/S M10 F	25	**1809140000**
red	ST 4000/S M10	25	**1809130000**
Note	1000 VDC rated voltage tested.Weidmüller produces drawings of the customer-specific ST 4000 application.		

Accessories

Cross-connection	Type	current	Qty.	Order No.
2-pole	ST 4000/S J2 M8		100	**1809310000**
3-pole	ST 4000/S J3 M8		50	**1809320000**
4-pole				
Busbar				
M10 / 4 mm thick				
M10 / 6 mm thick				
M8 / 4 mm thick	ST 4000/S CB M8/4		100	**1809250000**
M12 / 4 mm thick				
M12 / 6 mm thick				
Connecting piece				
130 mm length	ST 4000/S C130		50	**1809230000**
160 mm length				
Partition plate				
150 mm length	ST 4000/S P150		50	**1809190000**
180 mm length				
End partition				
150 mm length	ST 4000/S E150		50	**1809210000**
180 mm length				
Touch-safe protection				
150 mm length	ST 4000/S S150		20	**1809470000**
180 mm length				

Cross-connection	Type	current	Qty.	Order No.
2-pole	ST 4000/S J2 M10		100	**1809340000**
3-pole				
4-pole				
Busbar				
M10 / 4 mm thick	ST 4000/S CB M10/4		100	**1809260000**
M10 / 6 mm thick	ST 4000/S CB M10/6		100	**1809270000**
M8 / 4 mm thick				
M12 / 4 mm thick				
M12 / 6 mm thick				
Connecting piece				
130 mm length	ST 4000/S C130		50	**1809230000**
160 mm length				
Partition plate				
150 mm length	ST 4000/S P150		50	**1809190000**
180 mm length				
End partition				
150 mm length	ST 4000/S E150		50	**1809210000**
180 mm length				
Touch-safe protection				
150 mm length	ST 4000/S S150		20	**1809470000**
180 mm length				

For detailed information on other accessories and application in the online catalogue

ST 4000/L M10 — 150 mm²

Screw thread M10

55 x 180 x
309 /

IEC	UL	CSA	EN 60079-7
4000			
309			
150			
	29.5 kV / 3		
	/ V-0		
10 - 150 mm²			
25 - 150 mm²			
10...20 Nm			

Rated voltage when using cable lugs according to DIN 46234

Type	Qty.	Order No.
ST 4000/L M10	15	**1809150000**

1000 VDC rated voltage tested.Weidmüller produces drawings of the customer-specific ST 4000 application.

Type	current	Qty.	Order No.
ST 4000/L J2 M10		50	**1809370000**
ST 4000/L J4 M10		25	**1809390000**
ST 4000/L CB M10/4		100	**1809280000**
ST 4000/L C160		50	**1809240000**
ST 4000/L P180		50	**1809200000**
ST 4000/L E180		50	**1809220000**
ST 4000/L S180		1	**1809480000**

ST 4000/L M12 — 240 mm²

Screw thread M12

55 x 180 x
415 /

IEC	UL	CSA	EN 60079-7
4000			
415			
240			
	29.5 kV / 3		
	/ V-0		
10...240 mm²			
25...240 mm²			
14...31 Nm			

Rated voltage when using cable lugs according to DIN 46234

Type	Qty.	Order No.
ST 4000/L M12 F	15	**1809180000**
ST 4000/L M12	15	**1809170000**

1000 VDC rated voltage tested.Weidmüller produces drawings of the customer-specific ST 4000 application.

Type	current	Qty.	Order No.
ST 4000/L J2 M12		50	**1809400000**
ST 4000/L J3 M12		50	**1809410000**
ST 4000/L J4 M12		25	**1809420000**
ST 4000/L CB M12/4		100	**1809290000**
ST 4000/L CB M12/6		100	**1809300000**
ST 4000/L C160		50	**1809240000**
ST 4000/L P180		50	**1809200000**
ST 4000/L E180		50	**1809220000**
ST 4000/L S180		1	**1809480000**

Application range

Application range	Application fields in the panel		B.2
	Power feed-in		B.4
		Screw connection	B.6
	Power distribution		B.14
		Screw connection	B.16
	Control voltage distribution		B.26
		PUSH IN connection	B.28
	Instrument transformer wiring		B.46
		PUSH IN connection	B.48
		Tension clamp connection	B.50
		Screw connection	B.52
	Signal wiring		B.62
		PUSH IN connection	B.64
		Tension clamp connection	B.66
		Screw connection	B.68
	DCS marshalling		B.72
		PUSH IN connection	B.74
		Screw connection	B.78
	Shielding and earthing		B.88
		Shield clamping saddles	B.90
		Tension clamp connection	B.102
		Screw connection	B.103
	Building installation wiring		B.110
		PUSH IN connection	B.112
		Tension clamp connection	B.124
		Screw connection	B.132

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While panels are indeed configured individually, various recurring application fields within the panel are a permanent fixture in almost all industries.

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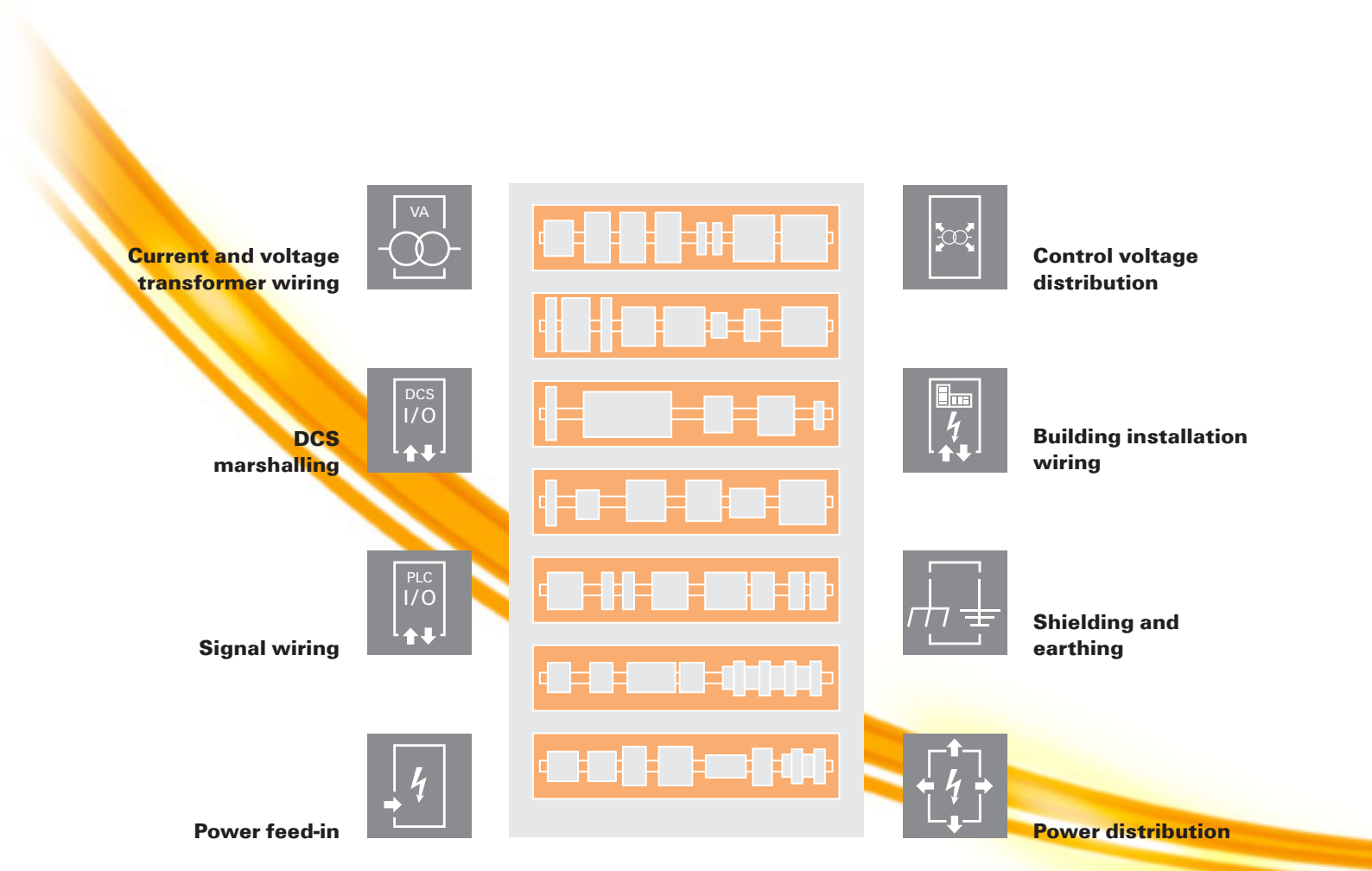
Our promise

Our tailored application range guarantees substantial efficiency benefits at every individual stage of the process and leads to unbeatable productivity gains in your panel building operations.



Power feed-in
Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

Power distribution
You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

Control voltage distribution
Our tailored AAP potential distribution terminal blocks are ideal for surge current protection and central control voltage distribution. Meanwhile, our new maxGUARD range enables potential distribution with integrated electronic load monitoring in the smallest of installation spaces.

Current and voltage transformer wiring
Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

Signal wiring
Tailored and particularly compact: with our AIO initiator/actuator terminal blocks, you are relying on an application-optimised solution for signal wiring. We also offer you other terminal blocks featuring spring and screw connection technology for signal wiring.

DCS marshalling
Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

Shielding and earthing
Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields.
A comprehensive range of accessories rounds off our range.

Building installation wiring
For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

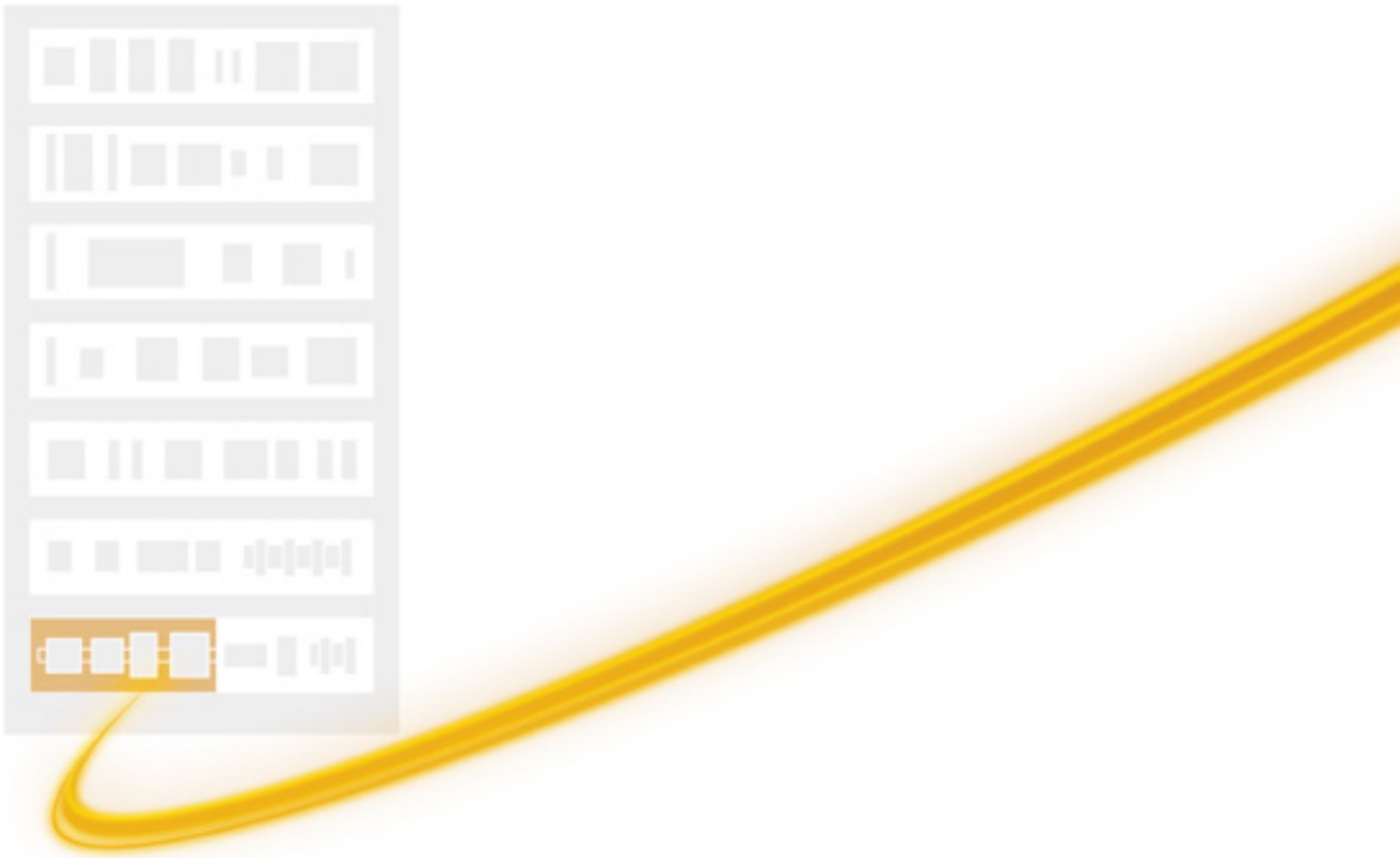
Reliable and efficient power supply

Really convenient with Klippon® Connect

More and more components need to be housed in switchgear and panels within a confined space. As part of the power feed-in, connecting conductors is becoming increasingly challenging, especially for large cross-sections. Our comprehensive range of connection solutions also enables convenient wiring in challenging space conditions. The compact design and the combination of many practical handling benefits make the supply of power to switchgear and panels simple, efficient and space-saving.

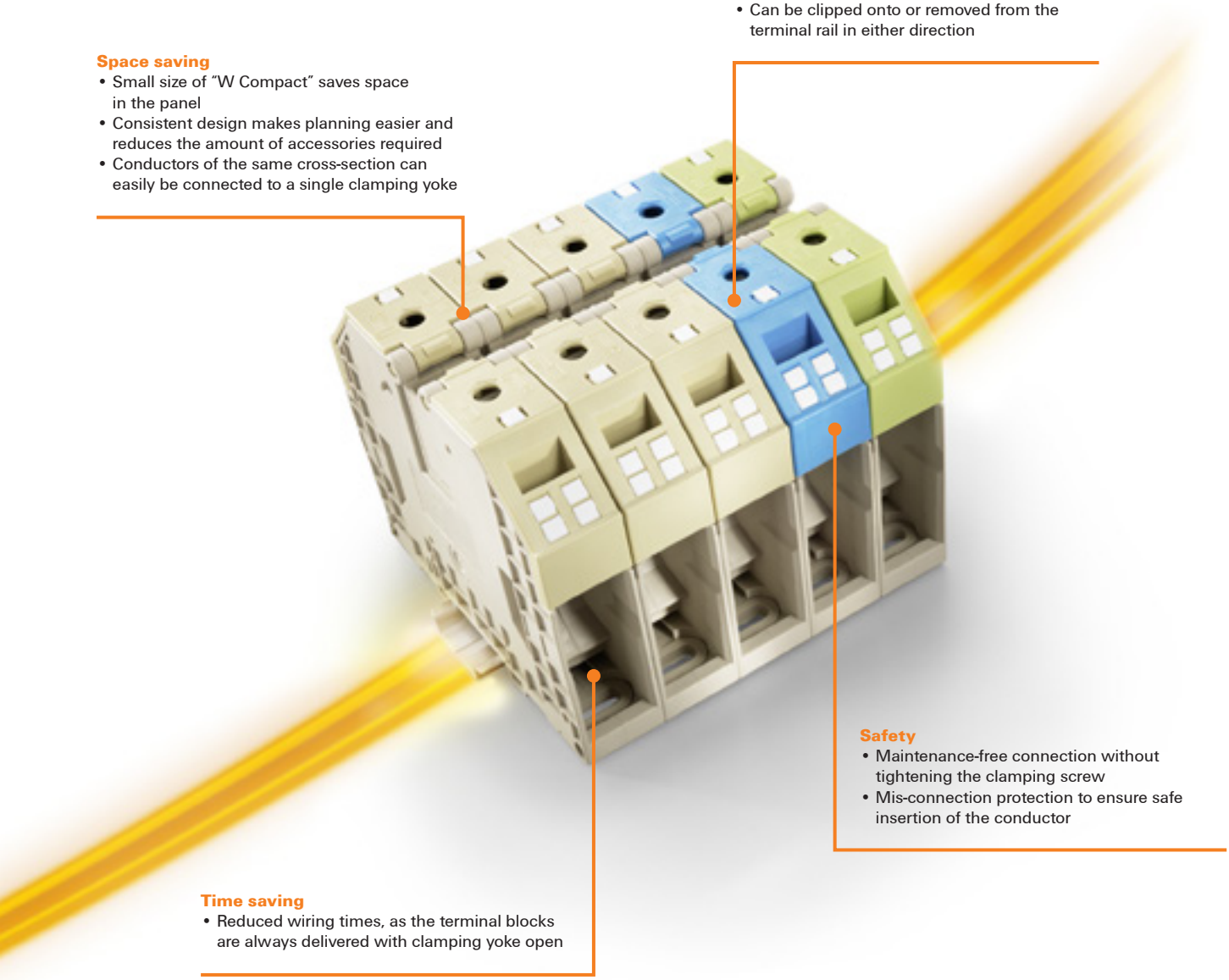
Our promise

The feed-in of power to switchgear and panels is much easier with Klippon® Connect: our connection solutions ensure reduced wiring work and efficient processes. The compact design means you save space and money, whilst increasing productivity on a sustainable basis.



Flexibility
- Best connections in standard and compact models
- Can be clipped onto or removed from the terminal rail in either direction

Space saving
- Small size of "W Compact" saves space in the panel
- Consistent design makes planning easier and reduces the amount of accessories required
- Conductors of the same cross-section can easily be connected to a single clamping yoke



Safety
- Maintenance-free connection without tightening the clamping screw
- Mis-connection protection to ensure safe insertion of the conductor

Time saving
- Reduced wiring times, as the terminal blocks are always delivered with clamping yoke open

Our range

Wide range – safe connections:
In confined spaces, our compact terminal blocks with proven clamping yoke technology increase convenience and enable perfect connections. The strong force of the clamping yoke spring ensures vibration-resistant contacting and compensates for the relaxation in the connected conductor.

Cost-effective and robust:
Under harsh environmental conditions with high levels of vibration and shock, such as in traffic engineering, our terminal blocks using stud technology offer excellent safety. With robust workmanship and flexible accessories, our stud terminals meet the requirements for safe, reliable power transfer.

Power feed-in
Screw connection

	WDU 50N	WDU 50N IR
	50 mm²	**50 mm²**
	Compact design	**Six-lobe socket**
Width/Height/Depth mm	18.5 x 70 x 69.6	18.5 x 70 x 69.6
max. current / max. cond. cross-section A/mm²	**192 / 70**	**192 / 70**
Max. clamping range mm²	**10...70**	**10...70**

Technical data

	WDU 50N	WDU 50N IR
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Tightening torque range (terminal screw)		
Stripping length / Blade size mm/-		
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded -		
Flexible / Flexible with ferrule mm²		

IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm²
	8 kV / 3		
	B10 / V-0		
			KEMA98ATEX1683U

Rated connection	Further connection
6...16 / 6...70	
10...50 / 6...50	
3.5...6 Nm (M 6)	
24 / S4 (DIN 6911)	
...16 / 6...16	
6...16 / 6...16	

1000 V DC rated voltage tested.

IEC	UL	CSA	EN 60079-7
1000			
150			
50			
	8 kV / 3		
	B10 / V-0		

Rated connection	Further connection
10...16 / 10...70	
10...50 / 10...50	
3...6 Nm (M 6)	
24 / S4 (DIN 6911)	
...16 / 6...16	
6...16 / 6...16	

1000 V DC rated voltage tested.

Ordering data

Version

dark beige
blue

Type	Qty.	Order No.
WDU 50N	10	**1820840000**
WDU 50N BL	10	**1820850000**

Note

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Type	Qty.	Order No.
WDU 50N IR	10	**1186630000**

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Accessories

Screwable cross-connection

Type	current	Qty.	Order No.
2-pole			
WQV 50N/2	150 A	5	**1834060000**
3-pole			
WQV 50N/3	150 A	5	**1834070000**
4-pole			
WQV 50N/4	150 A	5	**1834080000**

End bracket

Type	Qty.	Order No.
dark beige		
WEW 35/1	50	**1059000000**

Cover

Type	Qty.	Order No.
With lightning flash symbol		
WAD 20 GE WSD	10	**9512260000**
Blank, white		

Additional connection

Type	Qty.	Order No.
4 mm²		
10 mm²		
WZAD 50N	5	**1872720000**

Ribbon cable clamp

Identification systems

Type	Qty.	Order No.
DEK 5/5 MC NE WS	1000	**1609801044**
WS 12/6.5 MC NE WS	540	**1609920000**

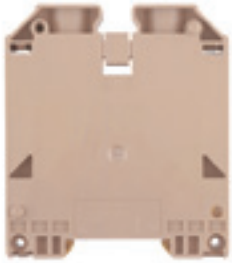
For detailed information on other accessories and application in the online catalogue

Auxiliary connection for additional conductor „WZAD 50N" 1872720000 (up to 10 mm², 41 A). Cross-connections, see section „W series accessories".

Cross-connections, see section „W series accessories".

WDU 70N — 70 mm²

Compact design



20.5 x 75 x 85
232 / 95
16...95

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	150	150	167
70	AWG 6...0	AWG 6...0	70 mm²
8 kV / 3			
B11 / V-0			

KEMA98ATEX1683U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...70	
8...12 Nm (M 8)	
22 / S6 (DIN 6911)	
10...16 / 10...25	
10...25 / 6...25	

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 70N/35	10	9512190000
WDU 70N/35 BL	10	9512420000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Type	current	Qty.	Order No.
WQV 70N/2	192 A	5	9512240000
WQV 70N/3	192 A	5	9512250000
WQV 70N/4	192 A	5	9531290000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 70N		5	1964830000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Auxiliary connection for additional conductor „WZAD 70N" 1964830000 (up to 10 mm², 41 A). Cross-connections, see section „W series accessories".

WDU 70/95 — 95 mm²

Conductor can be inserted from above / leaf spring

27 x 132 x 107
232 / 120
13.3...120

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	690
232	175	205	202
95	AWG 6...0	AWG 6...0	70 mm²
8 kV / 3			
B12 / V-0			

KEMA98ATEX1686U

Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...95	
6...12 Nm (M 8)	
30 / S6 (DIN 6911)	
16...16 / 16...35	
16...35 / 16...35	

Type	Qty.	Order No.
WDU 70/95	10	1024600000
WDU 70/95 BL	10	1024680000

For details on ribbon cable, see our online catalogue and for information on direct mounting, see section on W-series Accessories.

Type	current	Qty.	Order No.
WQV 70/95/2	192 A	5	1063500000
WQV 70/95/3	232 A	5	1063600000
WEW 35/1		50	1059000000
WAD 27 M. BL.		10	1062860000
WAD 27 NEUTRAL		10	1062960000
WZAD 70/95		10	1066000000
WFL 70/95		5	1616330000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Auxiliary connection for the additional conductor „WZAD 70", 1066000000 (up to 4 mm², 32 A). Cross-connections, see section „W series accessories".

WDU 95N/120N — 120 mm²

Compact design

27 x 91 x 90
290 / 150
16...150

IEC 60947-7-1 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	243
120	AWG 4...250	AWG 4...0	120 mm²
8 kV / 3			
B13 / V-0			

KEMA98ATEX1683U

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 Nm (M 10)	
27 / S6 (DIN 6911)	
16...16 / 10...35	
16...35 / 10...35	

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Type	current	Qty.	Order No.
WQV 95N/120N/2	269 A	5	1826890000
WQV 95N/120N/3	269 A	5	1826900000
WQV 95N/120N/4	269 A	5	1826910000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 95N/120N		5	1859580000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Auxiliary connection for additional conductor „WZAD 95N/120N" 1859580000 (up to 10 mm², 41 A). Cross-connections, see section „W series accessories".

Power feed-in
Screw connection

		WDU 120/150	120 mm²	WDU 240	240 mm²
		Conductor can be inserted from above / leaf spring			
Width/Height/Depth	mm	32 x 132 x 117		36 x 100 x 123.7	
max. current / max. cond. cross-section	A/mm²	**309 / 150**		**415 / 240**	
Max. clamping range	mm²	**33.63...150**		**70...240**	

Technical data

Rated data		IEC 60947-7-1		Ex e II	II 2 G D	IEC 60947-7-1	
Rated voltage	V	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**
Rated current	A	1000	1000	600	1100	1000	600
for wire cross-section	mm²	269	225	285	234	415	380
Rated impulse withstand voltage / Pollution severity		120	AWG 2...250	AWG 2...250	120 mm²	240	
Gauge to IEC 60947-1 / UL 94 flammability rating			8 kV / 3				8 kV / 3
Approvals			B13 / V-0				B15 / V-0
			KEMA98ATEX1686U				KEMA01ATEX2186U
Clamped conductors (H05V/H07V)		**Rated connection**	**Further connection**			**Rated connection**	**Further connection**
Solid / Stranded	-	/ 35...150				/ 70...240	
Flexible / Flexible with ferrule	mm²	35...150 / 35...150				70...240 / 70...185	
Tightening torque range (terminal screw)		10...20 Nm (M 10)				25...30 Nm (M 10)	
Stripping length / Blade size	mm/-	35 / S6 (DIN 6911)				40 / S8 (DIN 6911)	
2 conductors with same cross-section (H05V/H07V)							
Solid / Stranded	-	...16 / 35...70				/ 35...95	
Flexible / Flexible with ferrule	mm²	35...70 / 35...70				50...95 / 35...50	
Note						Copper straps can be used; see online catalogue for possible connections.	

Ordering data

Version		**Type**		**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	WDU 120/150		10	**1024500000**	WDU 240	2	**1802780000**
	blue	WDU 120/150 BL		10	**1024580000**	WDU 240 BL	2	**1822210000**
Note		For direct mounting see section W-Series, Accessories.				1000 VDC rated voltage tested.		

Accessories

Screwable cross-connection		**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
	2-pole	WQV 120/2	269 A	5	**1063300000**	WQB 240/2	320 A	5	**1802790000**
	3-pole	WQV 120/3	269 A	5	**1063400000**	WQB 240/3	320 A	5	**1802800000**
	4-pole								
End bracket									
	dark beige	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Cover									
	With lightning flash symbol	WAD 27 M. BL.		10	**1062860000**				
	Blank, white	WAD 27 NEUTRAL		10	**1062960000**				
Additional connection									
	4 mm²	WZAD120		10	**1066100000**				
	10 mm²					WZAD 240		5	**1802810000**
Ribbon cable clamp									
		WFL 120/150		5	**1616340000**				
Identification systems									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

Auxiliary connection for the additional conductor „WZAD 120", 1066100000 (up to 4 mm², 32 A). Cross-connections, see section „W series accessories".

		WPE 50N	50 mm²	WPE 70N/35	70 mm²
		Compact design		Compact design	
Width/Height/Depth	mm	18.5 x 71 x 69.6		20.5 x 75 x 85	
max. current / max. cond. cross-section	-/mm²	/ 70		/ 95	
Max. clamping range	mm²	5.26...70		10...95	

Technical data

		WPE 50N				WPE 70N/35			
Rated data									
for wire cross-section	mm²	IEC 60947-7-2			Ex e II II 2 G D	IEC 60947-7-2			Ex e II II 2 G D
Rated voltage to adjoining terminal	V	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated impulse withstand voltage to adjacent terminal	kV	50	AWG 10...0	AWG 14...0	50 mm²	70	AWG 6...0	AWG 6...0	70 mm²
Rated short-time current		1000				1000			
Pollution severity		8				8			
Gauge to IEC 60947-1 / UL 94 flammability rating		6000 A (50 mm²)				8400 A (70 mm²)			
Approvals		3				3			
		B10 / V-0				B11 / V-0			
		CE SEV UL				CE SEV cULus			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	10...16 / 10...70				10...16 / 10...95			
Flexible / Flexible with ferrule	mm²	10...50 / 10...50				10...70 / 10...70			
Tightening torque range (terminal screw)		4...6 Nm (M 6)				8...12 Nm (M 8)			
Tightening torque range for fixing screw		3.0...4.0 Nm				2.0...4.0 Nm			
Stripping length / Blade size	mm/-	24 / S4 (DIN 6911)				22 / S6 (DIN 6911)			
Note		For 50 and 70 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.				For 50 - 95 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.			

Ordering data

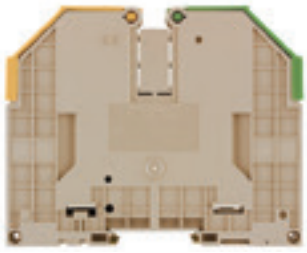
		WPE 50N			WPE 70N/35		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	green/yellow	WPE 50N	10	**1846040000**	WPE 70N/35	10	**9512200000**
Note							

Accessories

		WPE 50N				WPE 70N/35			
PEN bridge		**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
		WQV PEN 50N	150 A	5	**9201610000**	WQV 70N-PEN	192 A	5	**9525840000**
End bracket									
	dark beige	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Identification systems									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue	Rail support for protective-insulated installation of mounting rail „SH 2“, order no. 0494920000 (QTY 10).	Rail support for protective-insulated installation of mounting rail „SH 2“, order no. 0494920000 (QTY 10).

Power feed-in
Screw connection

	WPE 95N/120N	WPE 70/95
	95 mm²	**95 mm²**
	Compact design	**Conductor can be inserted from above / leaf spring**
		
Width/Height/Depth mm	27 x 91 x 90	27 x 132 x 107
max. current / max. cond. cross-section -/mm²	**/ 150**	**/ 120**
Max. clamping range mm²	**16…150**	**13.3…120**

Technical data

	WPE 95N/120N	WPE 70/95
Rated data		
for wire cross-section mm²	IEC 60947-7-2 / Ex e II / II 2 G D	IEC 60947-7-2 / Ex e II / II 2 G D
Rated voltage to adjoining terminal V	IEC: 95 / UL: AWG 4…0 / CSA: AWG 4…0 / EN 60079-7: 120 mm²	IEC: 95 / UL: AWG 6…0 / CSA: AWG 6…0 / EN 60079-7: 70 mm²
Rated impulse withstand voltage to adjacent terminal kV	1000	1000
Rated short-time current	8	8
Pollution severity	11400 A (95 mm²)	11400 A (95 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating	3	3
Approvals	B13 / V-0	B12 / V-0
	CE, SEV, cULus, Ex	CE, SEV, Ex, KEMA, UL
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	16…16 / 16…150	16…16 / 16…120
Flexible / Flexible with ferrule mm²	16…120 / 16…95	16…95 / 16…95
Tightening torque range (terminal screw)	16…20 Nm (M 10)	6…12 Nm (M 8)
Tightening torque range for fixing screw	3.0…4.0 Nm	3.0…6.0 Nm
Stripping length / Blade size mm/-	27 / S6 (DIN 6911)	30 / S6 (DIN 6911)
Note	For 50 - 150 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.	For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Ordering data

Version	Type	Qty.	Order No.
green/yellow	WPE 95N/120N	5	**1846030000**
Note			

Type	Qty.	Order No.
WPE 70/95	10	**1037300000**

Accessories

PEN bridge	Type	current	Qty.	Order No.
	WQV PEN 95N/120N		5	**9201630000**
End bracket				
dark beige	WEW 35/1		50	**1059000000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**

Type	current	Qty.	Order No.
WQV 70/95-PEN	192 A	5	**1072300000**
WEW 35/1		50	**1059000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

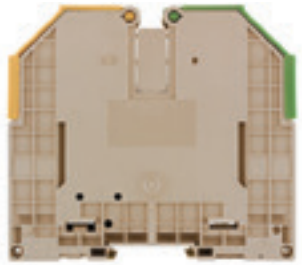
For detailed information on other accessories and application in the online catalogue

Rail support for protective-insulated installation of mounting rail „SH 2“, order no. 0494920000 (QTY 10).

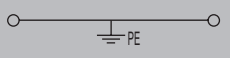
Rail support for protective-insulated installation of mounting rail „SH 2“, order no. 0494920000 (QTY 10).

WPE 120/150 — 120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 117
/ 150
33.62...150



IEC 60947-7-2 — Ex e II — II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	120 mm²
1000			
8			
14400 A (120 mm²)			
3			
B13 / V-0			

Rated connection
/ 35...150
35...150 / 35...95
10...20 Nm (M 10)
3.0...6.0 Nm
35 / S6 (DIN 6911)

For 50 - 150 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Type	Qty.	Order No.
WPE 120/150	10	**1019700000**

Type	current	Qty.	Order No.
WQV 120-PEN	269 A	5	**1072400000**
WEW 35/1		50	**1059000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

Rail support for protective-insulated installation of mounting rail „SH 2", order no. 0494920000 (QTY 10).

Power feed-in
Screw connection

WPD 106

Phase distributor block

WPD 107

Phase distributor block

	WPD 106	WPD 107
Width/Depth/Height	41 / 50.4 / 74.5	52.5 / 54.5 / 73
Rated AC voltage	690 V AC	690 V AC
Rated DC voltage	1000 V DC	1000 V DC
Rated current	160 A	232 A
UL 94 flammability rating	V-0	V-0

Technical data

	WPD 106	WPD 107
Inputs	IEC 60947-7-1, UL 1059	IEC 60947-7-1, UL 1059
Number of connections	top: 1 / bottom: 1	top: 1 / mid./left: 1 / mid./mid.: 1 / mid./right: 1
Solid	10…70mm²	4…35mm² / …95mm² / 4…35mm²
Stranded	10…70mm²	4…35mm² / 16…95mm² / 4…35mm²
Flexible with ferrule	6…50mm²	2.5…25mm² / 10…70mm² / 2.5…25mm²
Ribbon cable	15.5 x 5 mm	
Torque	10Nm / 2Nm	3.5Nm / 14Nm / 3.5Nm
Clamping screw	M 10 x 1 / M 5 x 20	M 8 / M 12 / M 8
Stripping length	17mm / 17mm	12mm / 14mm / 12mm
Outputs	top: 3 / bottom: 2	top: 4 / bottom: 4
Number of connections		
Solid	1.5…16mm² / 2.5…25mm²	2.5…25mm² / 2.5…25mm²
Stranded	1.5…16mm² / 2.5…25mm²	2.5…25mm² / 2.5…25mm²
Flexible with ferrule	1.5…16mm² / 1.5…16mm²	1.5…16mm² / 1.5…16mm²
Torque	2Nm / 2Nm	2.5Nm / 2.5Nm
Clamping screw	M 6 x 8 / M 6 x 8	M 6 / M 6
Stripping length	12mm / 12mm	12mm / 12mm
Poles	1	1
Note		

Ordering data

Version	Type	Qty.	Order No.
grey	WPD 106 1X70/2X25+3X16 GY	1	1562210000
Note			

Type	Qty.	Order No.
WPD 107 1X95/2X35+8X25 GY	1	1562220000

Accessories

	Type	current	Qty.	Order No.
Screwdriver				
Standard	SKS 2,0-8,0 MR		1	9008870000
Identification systems				
Marking tags	ESG 9/17 K MC SDR		40	1674770000
Crosshead screwdriver				
Standard				

Type	current	Qty.	Order No.
SKS 2,0-8,0 MR		1	9008870000
ESG 9/17 K MC SDR		40	1674770000
SDK PZ2		1	9008540000

For detailed information on other accessories and application in the online catalogue

WPD 108

Phase distributor block

52.5 / 67 / 94
690 V AC
1500 V DC
250 A
V-0

IEC 60947-7-1, UL 1059

top	mid./left	mid./mid.	mid./right	bottom
		1		1
		35…120mm²		
		35…120mm²		
		25…95mm²		
				24 x 10 mm
		19Nm		3Nm
		M 14 x 1		M 6 x 30
		27mm		22mm
top	**mid./left**	**mid./mid.**	**mid./right**	**bottom**
3		4		2
2.5…25mm²		1.5…16mm²		4…35mm²
2.5…25mm²		1.5…16mm²		4…35mm²
1.5…16mm²		1.5…16mm²		2.5…25mm²
2Nm		2Nm		2.5Nm
M 6 x 8		M 6 x 8		M 8 x 10
12mm		12mm		18mm
1				

Type	Qty.	Order No.
WPD 108 1X120/2X35+3X25+4X16 GY	1	**1562100000**

Type	current	Qty.	Order No.
SKS 2,0-8,0 MR		1	**9008870000**
ESG 9/17 K MC SDR		40	**1674770000**

WPD 109

Phase distributor block

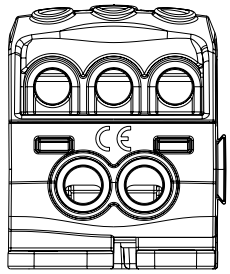
52.6 / 67 / 94
690 V AC
1500 V DC
353 A
V-0

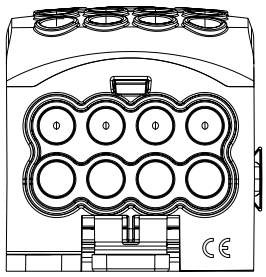
IEC 60947-7-1, UL 1059

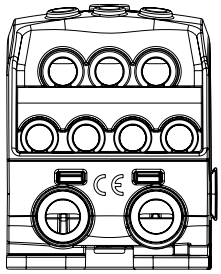
top	mid./left	mid./mid.	mid./right	bottom
		1		1
		95…185mm²		
		70…185mm²		
		70…150mm²		
				24 x 10 mm
		19Nm		3Nm
		M 14 x 1		M 6 x 30
		27mm		22mm
top	**mid./left**	**mid./mid.**	**mid./right**	**bottom**
3		4		2
2.5…25mm²		1.5…16mm²		4…35mm²
2.5…25mm²		1.5…16mm²		4…35mm²
1.5…16mm²		1.5…16mm²		2.5…25mm²
2Nm		2Nm		2.5Nm
M 6 x 8		M 6 x 8		M 8 x 10
12mm		12mm		18mm
1				

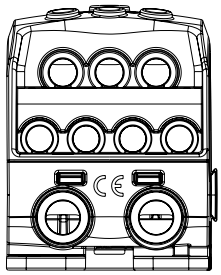
Type	Qty.	Order No.
WPD 109 1X185/2X35+3X25+4X16 GY	1	**1562090000**

Type	current	Qty.	Order No.
SKS 2,0-8,0 MR		1	**9008870000**
ESG 9/17 K MC SDR		40	**1674770000**









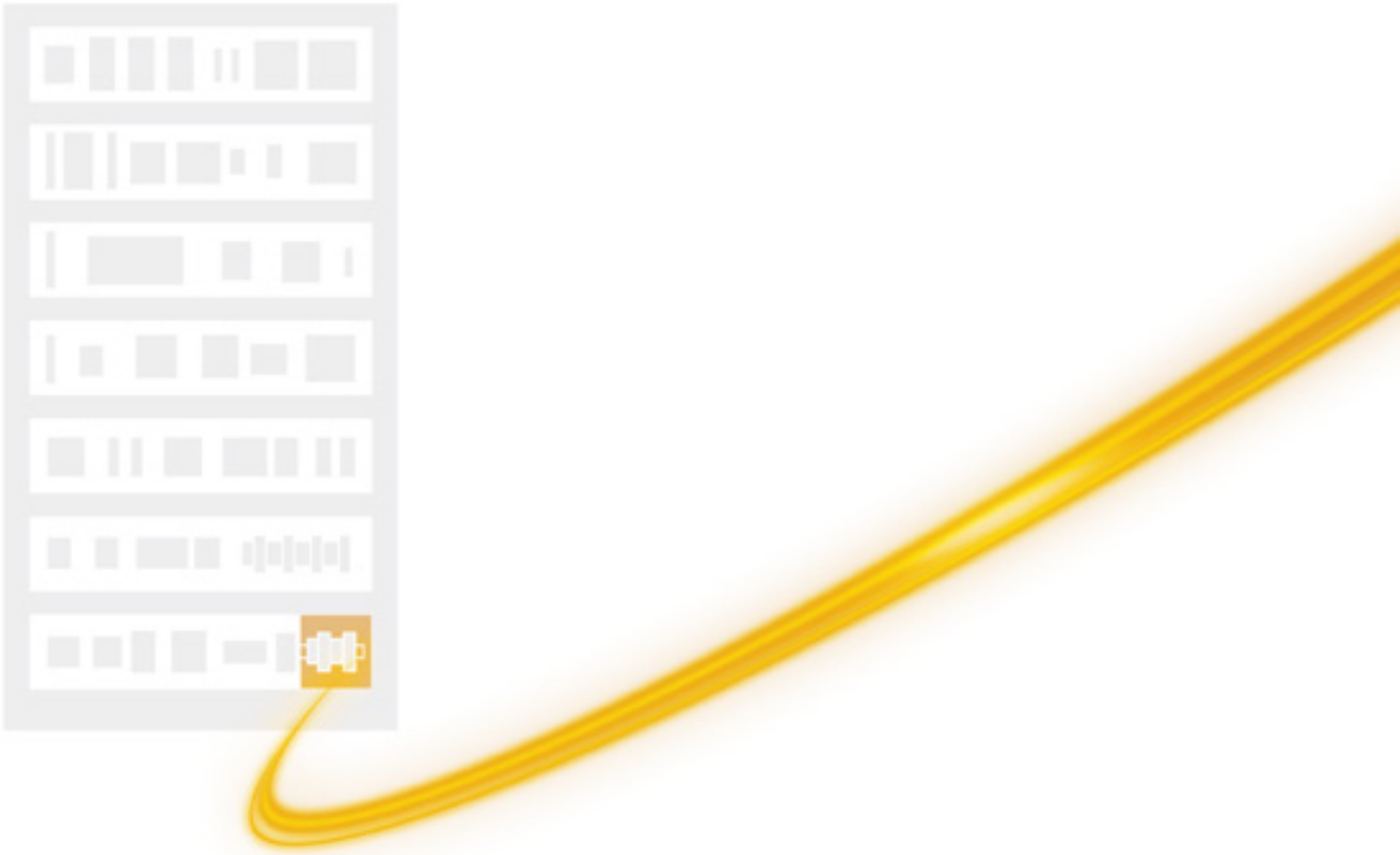
The secure and efficient way of distributing power

Klippon® Connect provides the required flexibility

Safe power supply to equipment such as motors is decisive for the availability of plants and machines. The use of increasingly large wire cross-sections and restricted space in the panel is increasing the demands on terminal blocks and distribution blocks and posing new challenges for panel planners. Our comprehensive product range for power distribution ensures excellent flexibility, even in the planning stages. The variety of possible combinations gives you just what you need for all power distribution requirements and enables compact panel design.

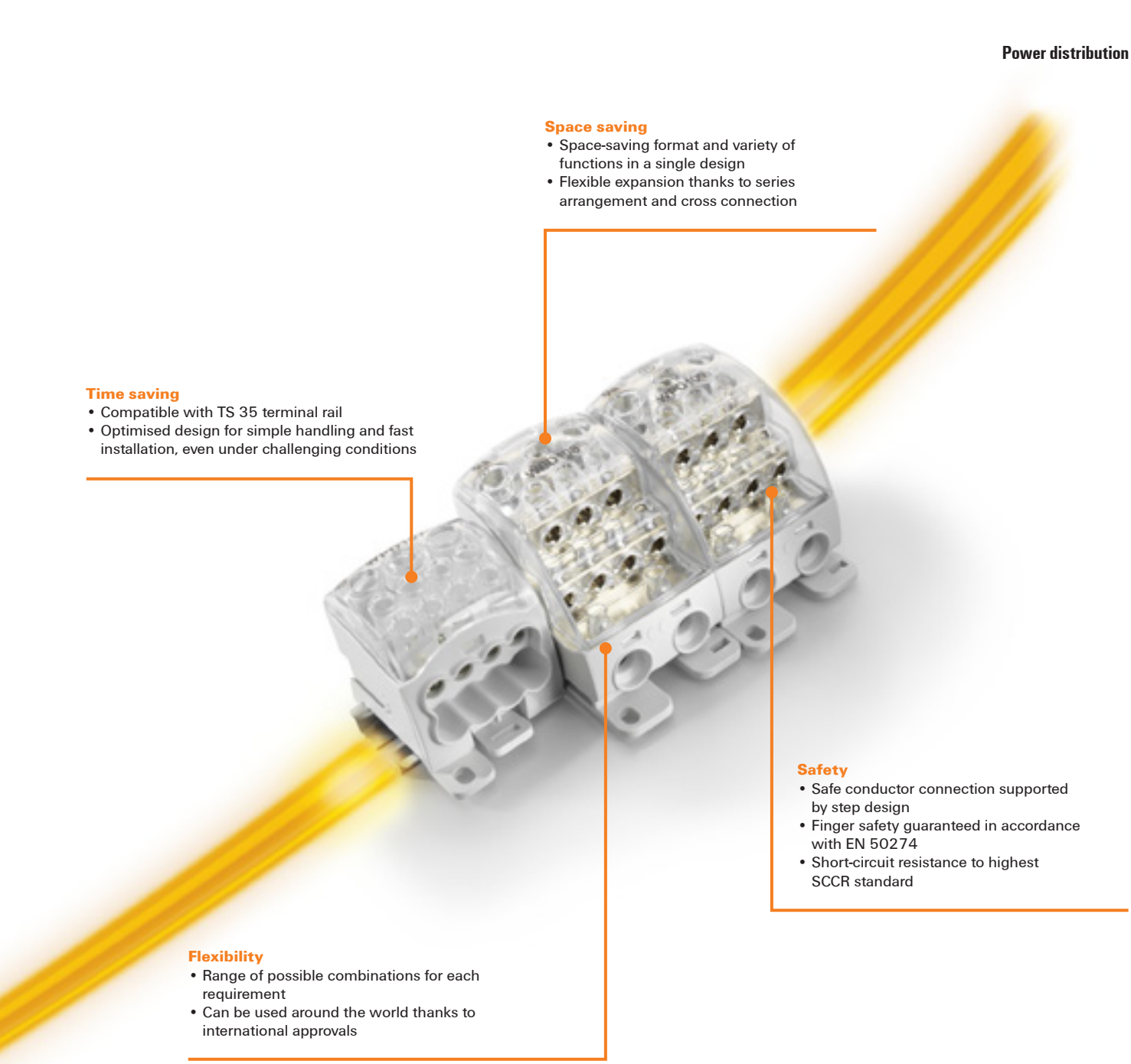
Our promise

Rapid installation and flexible combination options with Klippon® Connect, for simple, space-saving installation and increased productivity in the construction of switchgear and panel. This makes the design of your power distribution system noticeably more efficient.



Space saving
- Space-saving format and variety of functions in a single design
- Flexible expansion thanks to series arrangement and cross connection

Time saving
- Compatible with TS 35 terminal rail
- Optimised design for simple handling and fast installation, even under challenging conditions



Safety
- Safe conductor connection supported by step design
- Finger safety guaranteed in accordance with EN 50274
- Short-circuit resistance to highest SCCR standard

Flexibility
- Range of possible combinations for each requirement
- Can be used around the world thanks to international approvals

Our range

More space, more options – even for aluminium wires:
The slim design of our WPD X01–X03 main line branch terminals saves a great deal of space. With certification for aluminium conductors according to IEC 61238 “Class A” and a permissible voltage of 1,000 V DC, they meet all the requirements of complex applications.

All-rounder for a better overview:
Our WPD X00 & X04-X09 distribution blocks are used in all situations where power is supplied and distributed. Their user-friendly design creates a better overview and enables rapid, efficient implementation of space-saving power distribution.

WPD 101

Main line branch terminals

WPD 301

Main line branch terminals

	WPD 101	WPD 301
Width/Depth/Height	17.8 / 49.3 / 55.7	53.4 / 49.3 / 55.7
Rated AC voltage	1000 V AC	1000 V AC
Rated DC voltage	1000 V DC	1000 V DC
Rated current	152 A	152 A
UL 94 flammability rating	V-0	V-0

Technical data

	WPD 101	WPD 301
Inputs		
Number of connections	1	3
Solid	2.5…25mm²	2.5…25mm²
Stranded	2.5…25mm²	2.5…25mm²
Flexible with ferrule	1.5…16mm²	1.5…16mm²
Ribbon cable		
Torque	2.5Nm	2.5Nm
Clamping screw	M 6	M 6
Stripping length	19mm	19mm
Outputs		
Number of connections	1	3
Solid	2.5…25mm²	2.5…25mm²
Stranded	2.5…25mm²	2.5…25mm²
Flexible with ferrule	1.5…16mm²	1.5…16mm²
Torque	2.5Nm	2.5Nm
Clamping screw	M 6	M 6
Stripping length	19mm	19mm
Poles	1	3
Note	Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm	Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm

Ordering data

Version	Type	Qty.	Order No.
grey	WPD 101 2X25/2X16 GY	5	1560730000
blue	WPD 101 2X25/2X16 BL	5	1560670000
brown	WPD 101 2X25/2X16 BN	5	1561120000
green	WPD 101 2X25/2X16 GN	5	1560650000
black	WPD 101 2X25/2X16 BK	5	1561100000

Type	Qty.	Order No.
WPD 301 2X25/2X16 3XGY	2	1561130000

Accessories

Crosshead screwdriver	Type	current	Qty.	Order No.
Standard	SDK PZ2		1	9008540000
Identification systems				
Marking tags	SFX 10/23 MC NE WS V2		160	1852390000

Type	current	Qty.	Order No.
SDK PZ2		1	9008540000
SFX 10/23 MC NE WS V2		160	1852390000

For detailed information on other accessories and application in the online catalogue

WPD 401

Main line branch terminals

81.5 / 49.3 / 55.7
1000 V AC
1000 V DC
152 A
V-0

IEC 60947-7-1, IEC 61238-1, VDE 0603-2

top	mid./left	mid./mid.	mid./right	bottom
	4		4	
	2.5...25mm²		2.5...16mm²	
	2.5...25mm²		2.5...16mm²	
	1.5...16mm²		1.5...10mm²	
	2.5Nm		2.5Nm	
	M 6		M 6	
	19mm		19mm	

top	mid./left	mid./mid.	mid./right	bottom
	4		4	
	2.5...25mm²		2.5...16mm²	
	2.5...25mm²		2.5...16mm²	
	1.5...16mm²		1.5...10mm²	
	2.5Nm		2.5Nm	
	M 6		M 6	
	19mm		19mm	

4

Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm

Type	Qty.	Order No.
WPD 401 2X25/2X16 4XGY	1	**1561800000**
WPD 401 2X25/2X16 3XGY/1XBL	1	**1562130000**

Type	current	Qty.	Order No.
SDK PZ2		1	**9008540000**
SFX 10/23 MC NE WS V2		160	**1852390000**

WPD 501

Main line branch terminals

88.8 / 49.3 / 55.7
1000 V AC
1000 V DC
152 A
V-0

IEC 60947-7-1, IEC 61238-1, VDE 0603-2

top	mid./left	mid./mid.	mid./right	bottom
	5		5	
	2.5...25mm²		2.5...16mm²	
	2.5...25mm²		2.5...16mm²	
	1.5...16mm²		1.5...10mm²	
	2.5Nm		2.5Nm	
	M 6		M 6	
	19mm		19mm	

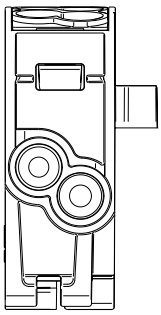
top	mid./left	mid./mid.	mid./right	bottom
	5		5	
	2.5...25mm²		2.5...16mm²	
	2.5...25mm²		2.5...16mm²	
	1.5...16mm²		1.5...10mm²	
	2.5Nm		2.5Nm	
	M 6		M 6	
	19mm		19mm	

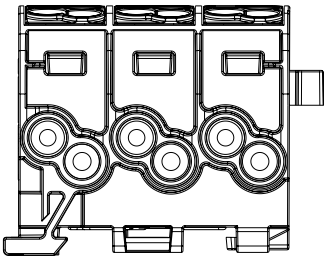
5

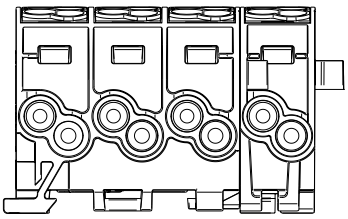
Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm

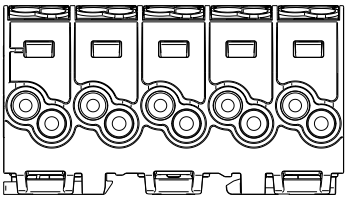
Type	Qty.	Order No.
WPD 501 2X25/2X16 5XGY	1	**1561750000**
WPD 501 2X25/2X16 1XGN/3XGY/1XBL	1	**1562140000**

Type	current	Qty.	Order No.
SDK PZ2		1	**9008540000**
SFX 10/23 MC NE WS V2		160	**1852390000**









WPD 102

Main line branch terminals

WPD 202

Main line branch terminals

	WPD 102	WPD 202
Width/Depth/Height	22.2 / 49.3 / 55.4	44.4 / 49.3 / 55.4
Rated AC voltage	1000 V AC	1000 V AC
Rated DC voltage	1000 V DC	1000 V DC
Rated current	202 A	202 A
UL 94 flammability rating	V-0	V-0

Technical data

	WPD 102	WPD 202
Inputs		
Number of connections	1	2
Solid	4…35mm²	4…35mm²
Stranded	4…35mm²	4…35mm²
Flexible with ferrule	2.5…25mm²	2.5…25mm²
Ribbon cable	1.5…16mm²	1.5…16mm²
Torque	3.5Nm	3.5Nm
Clamping screw	M 8	M 8
Stripping length	22mm	22mm
Outputs		
Number of connections	1	2
Solid	4…35mm²	4…35mm²
Stranded	4…35mm²	4…35mm²
Flexible with ferrule	2.5…25mm²	2.5…25mm²
Torque	3.5Nm	3.5Nm
Clamping screw	M 8	M 8
Stripping length	22mm	22mm
Poles	1	1
Note	Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm; 35 mm² = 8.0 Nm	Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm; 35 mm² = 8.0 Nm

	WPD 102	WPD 202
	IEC 60947-7-1, IEC 61238-1, VDE 0603-2	IEC 60947-7-1, IEC 61238-1, VDE 0603-2

top	mid./left	mid./mid.	mid./right	bottom

Ordering data

WPD 102

Version	Type	Qty.	Order No.
grey	WPD 102 2X35/2X25 GY	5	1561680000
blue	WPD 102 2X35/2X25 BL	5	1561640000
brown	WPD 102 2X35/2X25 BN	5	1561650000
green	WPD 102 2X35/2X25 GN	5	1561670000
black	WPD 102 2X35/2X25 BK	5	1561630000

WPD 202

Type	Qty.	Order No.
WPD 202 4x35/4x25 GY	2	1561730000
WPD 202 4x35/4x25 BL	2	1561700000
WPD 202 4x35/4x25 BN	2	1561720000
WPD 202 4x35/4x25 GN	2	1561620000
WPD 202 4x35/4x25 BK	2	1561690000

Accessories

Crosshead screwdriver

WPD 102

Type	current	Qty.	Order No.
SDK PZ2		1	9008540000

Identification systems

WPD 102

Type	current	Qty.	Order No.
HSS 1/2 4.8-11.4/50Y		500	1962120000

WPD 202

Type	current	Qty.	Order No.
SDK PZ2		1	9008540000
HSS 1/2 4.8-11.4/50Y		500	1962120000

For detailed information on other accessories and application in the online catalogue

WPD 302

Main line branch terminals

66.6 / 49.3 / 55.4
1000 V AC
1000 V DC
202 A
V-0

IEC 60947-7-1, IEC 61238-1, VDE 0603-2

top	mid./left	mid./mid.	mid./right	bottom
	3		3	
	4...35mm²		2.5...25mm²	
	4...35mm²		2.5...25mm²	
	2.5...25mm²		1.5...16mm²	
	3.5Nm		2.5Nm	
	M 8			
	22mm		18mm	

top	mid./left	mid./mid.	mid./right	bottom
	3		3	
	4...35mm²		2.5...25mm²	
	4...35mm²		2.5...25mm²	
	2.5...25mm²		1.5...16mm²	
	3.5Nm		2.5Nm	
	M 8			
	22mm		18mm	

3

Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm; 35 mm² = 8.0 Nm

Type	Qty.	Order No.
WPD 302 2X35/2X25 3XGY	2	1561740000

Type	current	Qty.	Order No.
SDK PZ2		1	9008540000
HSS 1/2 4.8-11.4/50Y		500	1962120000

WPD 103

Main line branch terminals

32.9 / 53.1 / 63
1000 V AC
1000 V DC
300 A
V-0

IEC 60947-7-1, IEC 61238-1, VDE 0603-2

top	mid./left	mid./mid.	mid./right	bottom
	1		1	
	10...70mm²		6...50mm²	
	10...70mm²		6...50mm²	
	6...50mm²		4...35mm²	
	10Nm		6Nm	
	M 10		M 8	
	25mm		20mm	

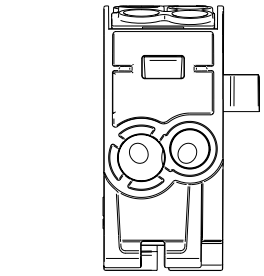
top	mid./left	mid./mid.	mid./right	bottom
	1		1	
	10...70mm²		6...50mm²	
	10...70mm²		6...50mm²	
	6...50mm²		4...35mm²	
	10Nm		6Nm	
			M 8	
	25mm		20mm	

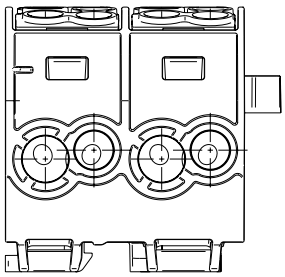
1

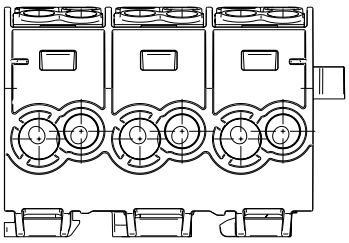
Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm; 35 mm² = 8.0 Nm; 50 mm² = 10.0 Nm; 70 mm² = 18.0 Nm

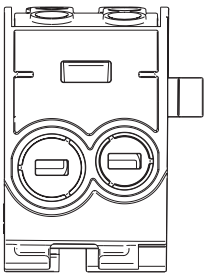
Type	Qty.	Order No.
WPD 103 2X70/2X50 GY	3	1561770000
WPD 103 2X70/2X50 BL	3	1561780000
WPD 103 2X70/2X50 BN	3	1561820000
WPD 103 2X70/2X50 GN	3	1561790000
WPD 103 2X70/2X50 BK	3	1561830000

Type	current	Qty.	Order No.
SDK PZ2		1	9008540000
SFX 30/60 MC NE WS		30	1083230000
SFX 11/60 MC NE WS		60	1860120000









WPD 100

Sub-distributor block

WPD 104

Phase distributor block

	WPD 100	WPD 104
Width/Depth/Height	30.2 / 49 / 55.4	33.3 / 49 / 68
Rated AC voltage	690 V AC	690 V AC
Rated DC voltage	690 V DC	1000 V DC
Rated current	100 A	101 A
UL 94 flammability rating	V-0	V-0

Technical data

	WPD 100	WPD 104
Inputs	IEC 60998-2-1	IEC 60947-7-1, UL 1059
Number of connections	1	1
Solid	2.5…25mm²	2.5…25mm²
Stranded	2.5…25mm²	2.5…25mm²
Flexible with ferrule	1.5…16mm²	1.5…10mm²
Ribbon cable		
Torque	3Nm	2.5Nm
Clamping screw	M 6	M 6
Stripping length	17mm	19mm
Outputs		
Number of connections	3	3
Solid	1.5…10mm²	1.5…10mm²
Stranded	1.5…10mm²	1.5…10mm²
Flexible with ferrule	1.5…6mm²	1.5…6mm²
Torque	2Nm	2Nm
Clamping screw	M 5	M 5
Stripping length	9mm	12mm
Poles	1	1
Note		

Ordering data

Version	WPD 100 Type	Qty.	Order No.	WPD 104 Type	Qty.	Order No.
grey	WPD 100 2X25/6X10 GY	3	1561910000	WPD 104 1x25+1x16/2x16+3x10 GY	1	1562000000
blue	WPD 100 2X25/6X10 BL	3	1561920000			
green	WPD 100 2X25/6X10 GN	3	1561930000			
Note						

Accessories

	WPD 100 Type	current	Qty.	Order No.	WPD 104 Type	current	Qty.	Order No.
Cross-connection								
					WQB WPD X04/2		20	1561980000
					WQB WPD X04/3		20	1561990000
Crosshead screwdriver								
Standard	SDK PZ2		1	9008540000	SDK PZ2		1	9008540000
Identification systems								
Marking tags	ESG 9/17 K MC SDR		40	1674770000	ESG 9/17 K MC SDR		40	1674770000

For detailed information on other accessories and application in the online catalogue

WPD 204

Phase distributor block

64.5 / 49 / 68
690 V AC
1000 V DC
101 A
V-0

IEC 60947-7-1, UL 1059

top	mid./left	mid./mid.	mid./right	bottom
	2			
	2.5…25mm²			
	2.5…25mm²			
	1.5…16mm²			
	M 6			
	19mm			
top	mid./left	mid./mid.	mid./right	bottom
6				4
1.5…10mm²				1.5…16mm²
1.5…10mm²				1.5…16mm²
1.5…6mm²				1.5…16mm²
2Nm				2.5Nm
M 5				M 6
12mm				14mm
2				

Type	Qty.	Order No.
WPD 204 2X25/4X16+6X10 2XGY	1	1562150000

Type	current	Qty.	Order No.
WQB WPD X04/2		20	1561980000
WQB WPD X04/3		20	1561990000
SDK PZ2		1	9008540000
ESG 9/17 K MC SDR		40	1674770000

WPD 304

Phase distributor block

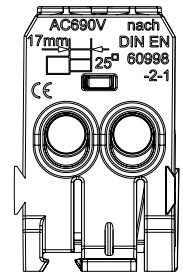
96 / 49 / 68
690 V AC
1000 V DC
101 A
V-0

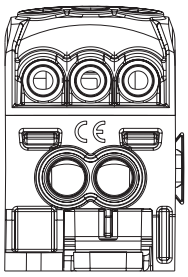
IEC 60947-7-1, UL 1059

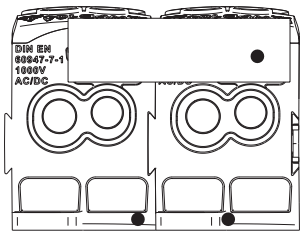
top	mid./left	mid./mid.	mid./right	bottom
	3			
	2.5…25mm²			
	2.5…25mm²			
	1.5…16mm²			
	M 6			
	19mm			
top	mid./left	mid./mid.	mid./right	bottom
9				6
1.5…10mm²				1.5…16mm²
1.5…10mm²				1.5…16mm²
1.5…6mm²				1.5…16mm²
2Nm				2.5Nm
M 5				M 6
12mm				14mm
3				

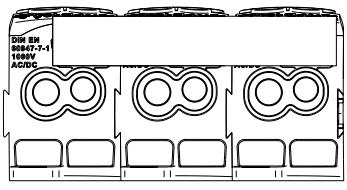
Type	Qty.	Order No.
WPD 304 3X25/6X16+9X10 3XGY	1	1562160000

Type	current	Qty.	Order No.
WQB WPD X04/2		20	1561980000
WQB WPD X04/3		20	1561990000
SDK PZ2		1	9008540000
ESG 9/17 K MC SDR		40	1674770000









WPD 105

Phase distributor block

WPD 205

Phase distributor block

	WPD 105	WPD 205
Width/Depth/Height	37.1 / 53.7 / 70	72.7 / 53.7 / 70
Rated AC voltage	690 V AC	690 V AC
Rated DC voltage	1000 V DC	1000 V DC
Rated current	125 A	125 A
UL 94 flammability rating	V-0	V-0

Technical data

	WPD 105	WPD 205
Inputs	IEC 60947-7-1, UL 1059	IEC 60947-7-1, UL 1059

Number of connections	top	mid./left	mid./mid.	mid./right	bottom
WPD 105		1		1	
WPD 205		2			
Solid		4…35mm²		1.5…16mm²	
Stranded		4…35mm²		1.5…16mm²	
Flexible with ferrule		2.5…25mm²		1.5…10mm²	
Ribbon cable					
Torque		3.5Nm		2.5Nm	
Clamping screw		M 8		M 6	
Stripping length		19mm		19mm	

Outputs	top	mid./left	mid./mid.	mid./right	bottom
Number of connections	3				2
Solid	1.5…16mm²				2.5…25mm²
Stranded	1.5…16mm²				2.5…25mm²
Flexible with ferrule	1.5…16mm²				1.5…16mm²
Torque	2.5Nm				2.5Nm
Clamping screw	M 6				M 6
Stripping length	12mm				14mm

	WPD 105	WPD 205
Poles	1	2
Note		

Ordering data

Version	WPD 105	WPD 205
	grey	
Note		

Type	Qty.	Order No.
WPD 105 1x35+1x16/2x25+3x16 GY	1	**1562170000**

Type	Qty.	Order No.
WPD 205 2X35/4X25+6X16 2XGY	1	**1562180000**

Accessories

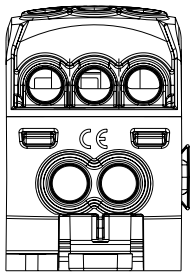
Cross-connection	Type	current	Qty.	Order No.
	WQB WPD X05/2		20	**1561960000**
	WQB WPD X05/3		20	**1561970000**
Crosshead screwdriver				
Standard	SDK PZ2		1	**9008540000**
Identification systems				
Marking tags	ESG 9/17 K MC SDR		40	**1674770000**

Cross-connection	Type	current	Qty.	Order No.
	WQB WPD X05/2		20	**1561960000**
	WQB WPD X05/3		20	**1561970000**
Crosshead screwdriver				
Standard	SDK PZ2		1	**9008540000**
Identification systems				
Marking tags	ESG 9/17 K MC SDR		40	**1674770000**

For detailed information on other accessories and application in the online catalogue

WPD 305

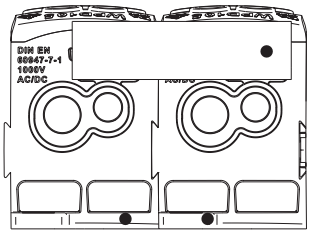
Phase distributor block



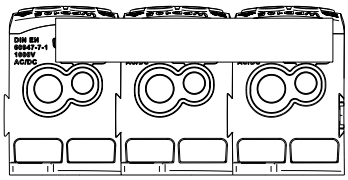
108.3 / 53.7 / 70
690 V AC
1000 V DC
125 A
V-0

IEC 60947-7-1, UL 1059

top	mid./left	mid./mid.	mid./right	bottom
	3			
	4...35mm²			
	4...35mm²			
	2.5...25mm²			
	M 8			
	19mm			

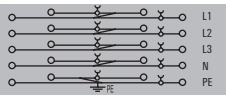
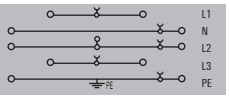


top	mid./left	mid./mid.	mid./right	bottom
9				6
1.5...16mm²				2.5...25mm²
1.5...16mm²				2.5...25mm²
1.5...16mm²				1.5...16mm²
2.5Nm				2.5Nm
M 6				
12mm				14mm
3				



Type	Qty.	Order No.
WPD 305 3X35/6X25+9X16 3XGY	1	**1562190000**

Type	current	Qty.	Order No.
WQB WPD X05/2		20	**1561960000**
WQB WPD X05/3		20	**1561970000**
SDK PZ2		1	**9008540000**
ESG 9/17 K MC SDR		40	**1674770000**

	WDK 10 SET LS	10 mm²	WDK 10 SET BCD	10 mm²
Width/Height/Depth mm	49.5 x 85 x 69		29.7 x 85 x 69	
max. current / max. cond. cross-section A/mm²	**70 / 16**		**70 / 16**	
Max. clamping range mm²	**1.5...16**		**1.5...16**	

Technical data

Rated data					IEC 60947-7-1 (-7-2)				IEC 60947-7-1 (-7-2)			
					IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V				800	600	600		800	600	600	
Rated current	A				57	64	64		57	64	64	
for wire cross-section	mm²				10	AWG 18...6	AWG 18...6		10	AWG 18...6	AWG 18...6	
Rated impulse withstand voltage / Pollution severity						8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating						B6 / V-0				B6 / V-0		
Approvals												
Clamped conductors (H05V/H07V)												
Solid / Stranded	mm²											
Flexible / Flexible with ferrule	mm²											
Tightening torque range (terminal screw)												
Stripping length / Blade size	mm/-											
2 conductors with same cross-section (H05V/H07V)												
Solid / Stranded	-											
Flexible / Flexible with ferrule	-											

Rated connection	Further connection	Rated connection	Further connection
1.5...16 / 1.5...16		1.5...16 / 1.5...16	
1.5...16 / 1.5...16		1.5...16 / 1.5...16	
1.2...1.9 Nm (M 4)		1.2...1.9 Nm (M 4)	
12 / 1.0 x 5.5 mm		12 / 1.0 x 5.5 mm	

Note

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige / green / yellow	WDK 10 SET LS	1	**1415530000**	WDK 10 SET BCD	1	**1415540000**

Note

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 10/2	57 A	50	**1052560000**	WQV 10/2	57 A	50	**1052560000**
10-pole	WQV 10/10	57 A	20	**1052460000**	WQV 10/10	57 A	20	**1052460000**
End plate / Partition plate								
dark beige	WAP WDK10		20	**1186720000**	WAP WDK10		20	**1186720000**
Blue	WAP WDK10 BL		20	**1186730000**	WAP WDK10 BL		20	**1186730000**
End bracket								
dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**9008350000**	SDS 1.0X5.5X150		1	**9008350000**
Cover								
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section „W series accessories".

Cross-connections, see section „W series accessories".

Safe supply to equipment in the panel

Klippon® Connect for optimum control voltage distribution

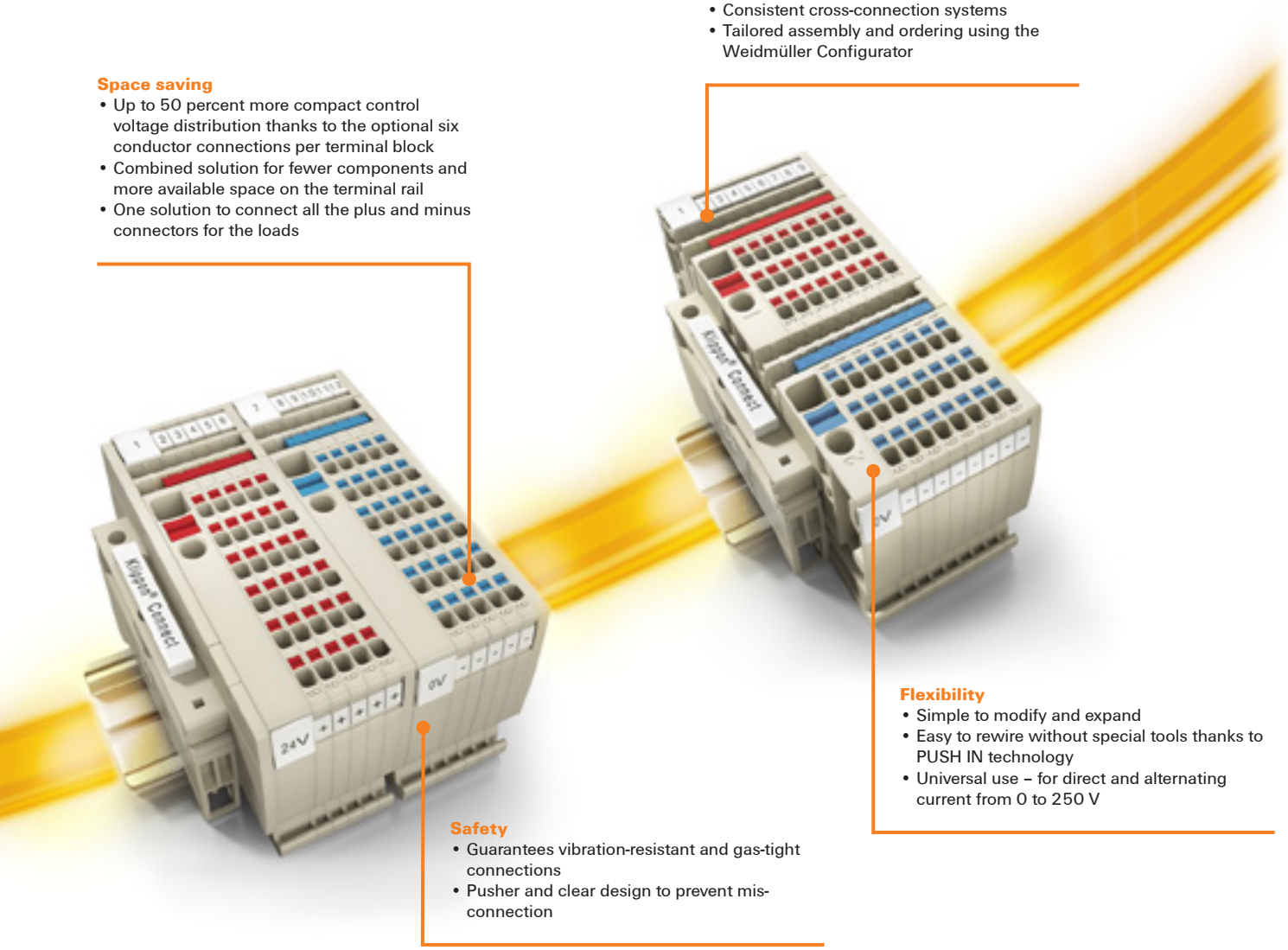
For power supplies to equipment in the panel, there is an increased risk of incorrect connections because of the large number of conductors. Our tailored AAP potential distribution terminal blocks and the maxGUARD modular system with built-in electronic load monitoring offer ideal solutions for surge current protection and clear, structured power distribution within control voltage circuits. The considerable space saving and reduced wiring means you can guarantee supply to your panel equipment simply and effectively.

Our promise

For complex wiring projects in confined spaces, we offer a future-oriented strategy for central potential distribution with direct wiring option for all the device's plus and minus potentials. This means that Klippon® Connect makes planning and implementing your control voltage distribution system considerably more productive.

Time saving
- Maximum time saving on wiring thanks to PUSH IN technology
- Consistent cross-connection systems
- Tailored assembly and ordering using the Weidmüller Configurator

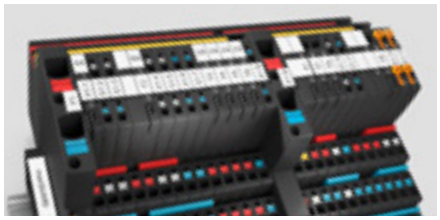
Space saving
- Up to 50 percent more compact control voltage distribution thanks to the optional six conductor connections per terminal block
- Combined solution for fewer components and more available space on the terminal rail
- One solution to connect all the plus and minus connectors for the loads



Flexibility
- Simple to modify and expand
- Easy to rewire without special tools thanks to PUSH IN technology
- Universal use – for direct and alternating current from 0 to 250 V

Safety
- Guarantees vibration-resistant and gas-tight connections
- Pusher and clear design to prevent mis-connection

Our range

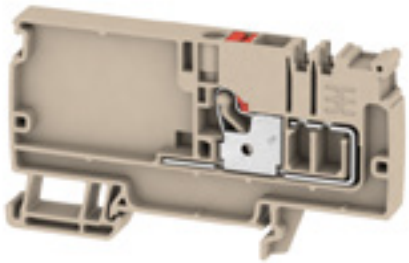
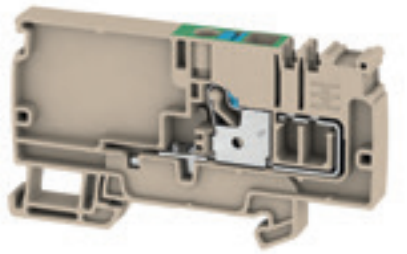
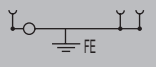


Combined load monitoring and potential distribution:
maxGUARD is our unique modular system for control voltage distribution. The consistent design of the electronic load monitoring and potential distribution terminal blocks plus the simple cross-connection options save time and money and prevent mis-connections.

Simpler customised solutions:
Our assembly service for standard blocks and completed control voltage distribution systems guarantees ease of ordering and production optimisation. We create a perfect-fit solution for all of your requirements.

Control voltage distribution
PUSH IN connection

Potential distribution with separate fusing

	AAP11 6 LO	AAP11 6 FE
	6 mm²	6 mm²
		
Width/Height/Depth mm	8.1 x 85.5 x 48	8.1 x 85.5 x 48
max. current / max. cond. cross-section A/mm²	**41 / 6**	**41 / 6** 
Max. clamping range mm²	**0.5...6**	**0.5...6**

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500			
Rated current A	41			
for wire cross-section mm²	6			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...6 / 0.5...6			
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6			
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm			
Note	Approval in progress			

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500			
Rated current A	41			
for wire cross-section mm²	6			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...6 / 0.5...6			
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6			
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm			
Note	Approval in progress			

Ordering data

Version	Type	Qty.	Order No.
beige Wemid / red pusher	AAP11 6 LO RD	20	1989780000
beige Wemid / blue pusher	AAP11 6 LO BL	20	1988130000
beige Wemid / red and blue pushers			
Note			

Type	Qty.	Order No.
AAP11 6 FE	20	1988140000
FE = functional earth, contact to DIN rail.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	1985650000
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	1985800000
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	1985530000
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	1985680000
End plate / Partition plate				
	AEP AP11		20	1988320000
End bracket				
dark beige	AEB 35 SC/1		50	1991920000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0x5,5x125		1	9042130000
Identification systems				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000

Type	current	Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000

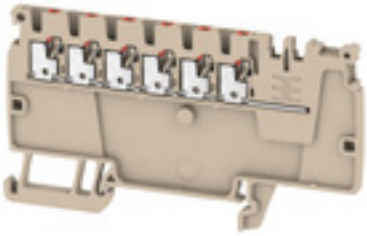
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

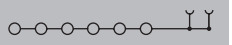
All MultiMark variants (MM) = strip markers

AAP11 1.5 LI

1.5 mm²



3.5 x 85.5 x 48
17.5 / 1.5
0.14...1.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

Approval in progress

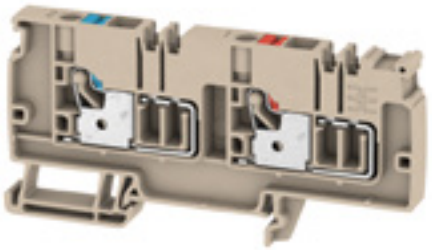
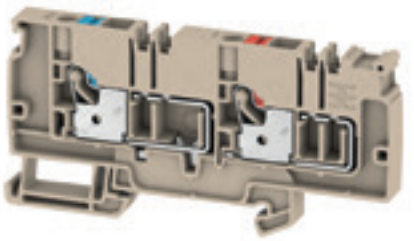
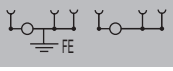
Type	Qty.	Order No.
AAP11 1.5 LI RD	50	**1988160000**
AAP11 1.5 LI BL	50	**1988170000**

Type	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
AEP AP11		20	**1988320000**
AEB 35 SC/1		50	**1991920000**
SDIS 0.4X2.0X60		1	**9205690000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
DEK 5/3.5 MM WS		1000	**2007100000**
WS 8/3.5 MM WS		1000	**2007140000**

All MultiMark variants (MM) = strip markers

Control voltage distribution
PUSH IN connection

Potential distribution with separate fusing

	AAP13 6 LO-LO	6 mm²	AAP13 6 FE-LO	6 mm²
				
Width/Height/Depth mm	8.1 x 96 x 48		8.1 x 96 x 48	
max. current / max. cond. cross-section A/mm²	**41 / 6**		**41 / 6**	
Max. clamping range mm²	**0.5...6**		**0.5...6**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	250			
Rated current A	41			
for wire cross-section mm²	6			
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...6 / 0.5...6			
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6			
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm			
Note	Approval in progress			

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	250			
Rated current A	41			
for wire cross-section mm²	6			
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...6 / 0.5...6			
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6			
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm			
Note	Approval in progress			

Ordering data

Version	Type	Qty.	Order No.
beige Wemid / red pusher			
beige Wemid / blue pusher			
beige Wemid / red and blue pushers	AAP13 6 LO-LO	20	**1988260000**
Note			

Version	Type	Qty.	Order No.
beige Wemid / red pusher			
beige Wemid / blue pusher			
beige Wemid / red and blue pushers	AAP13 6 FE-LO	20	**1988270000**
Note	FE = functional earth, contact to DIN rail.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
End plate / Partition plate				
	AEP AP13		20	**1990140000**
End bracket				
dark beige	AEB 35 SC/1		50	**1991920000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0x5,5x125		1	**9042130000**
Identification systems				
	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
End plate / Partition plate				
	AEP AP13		20	**1990140000**
End bracket				
dark beige	AEB 35 SC/1		50	**1991920000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0x5,5x125		1	**9042130000**
Identification systems				
	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

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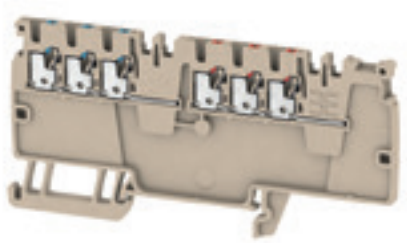
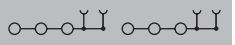
AAP13 1.5 LI-LI

1.5 mm²



3.5 x 96 x 48
17.5 / 1.5
0.14...1.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
250			
17.5			
1.5			
	4 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

Approval in progress

Type	Qty.	Order No.
AAP13 1.5 LI-LI	50	**1988280000**

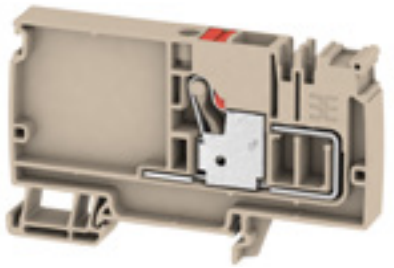
Type	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
AEP AP13		20	**1990140000**
AEB 35 SC/1		50	**1991920000**
SDIS 0.4X2.0X60		1	**9205690000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
DEK 5/3.5 MM WS		1000	**2007100000**
WS 8/3.5 MM WS		1000	**2007140000**

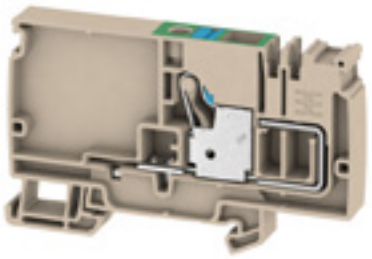
All MultiMark variants (MM) = strip markers

Control voltage distribution
PUSH IN connection

Potential distribution with separate fusing

		AAP12 10 LO	10 mm²	AAP12 10 FE	10 mm²





Width/Height/Depth	mm	10 x 89 x 54	10 x 89 x 54
max. current / max. cond. cross-section	A/mm²	**57 / 10**	**57 / 10**
Max. clamping range	mm²	**0.5...10**	**0.5...10**

Technical data

Rated data		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V	800				800			
Rated current	A	57				57			
for wire cross-section	mm²	10				10			
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A6 / V-0				A6 / V-0		
Number of operating cycles									
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...10 / 0.5...10				0.5...10 / 0.5...10			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...10				0.5...10 / 0.5...10			
Stripping length / Blade size	mm/-	18 / 1.0 x 5.5 mm				18 / 1.0 x 5.5 mm			
Note		Approval in progress				Approval in progress			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
beige Wemid / red pusher	AAP12 10 LO RD	20	**1988190000**			
beige Wemid / blue pusher	AAP12 10 LO BL	20	**1988180000**	AAP12 10 FE	20	**1988200000**
beige Wemid / red and blue pushers						
Note				FE = functional earth, contact to DIN rail.		

Accessories

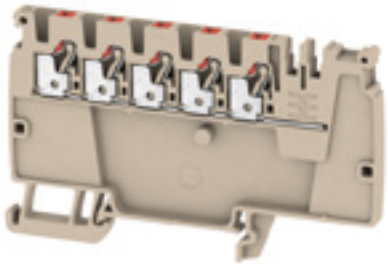
Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	**2108470000**				
10-pole / red	ZQV 2.5N/10 RD	24 A	20	**2108910000**				
2-pole / blue	ZQV 2.5N/2 BL	24 A	60	**1527740000**	ZQV 2.5N/2 BL	24 A	60	**1527740000**
10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	**1527880000**	ZQV 2.5N/10 BL	24 A	20	**1527880000**
End plate / Partition plate								
	AEP AP12		20	**1988300000**	AEP AP12		20	**1988300000**
End bracket								
dark beige	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 1,0x5,5x125		1	**9042130000**	SDIL 1,0x5,5x125		1	**9042130000**
Identification systems								
	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

For detailed information on other accessories and application in the online catalogue

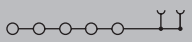
All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

AAP12 2.5 LI — 2.5 mm²



5.1 x 89 x 54
24 / 2.5
0.5...2.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Approval in progress

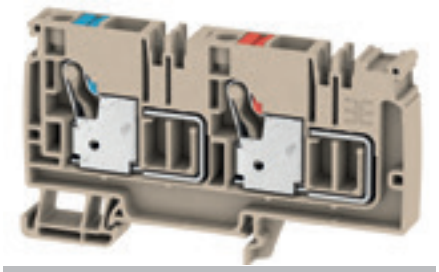
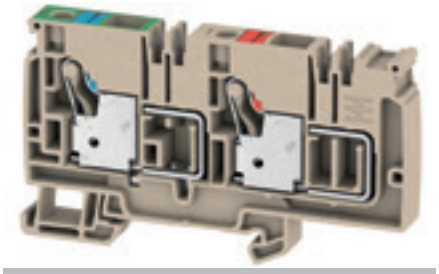
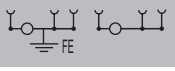
Type	Qty.	Order No.
AAP12 2.5 LI RD	50	**1988290000**
AAP12 2.5 LI BL	50	**1988100000**

Type	current	Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	**2108470000**
ZQV 2.5N/10 RD	24 A	20	**2108910000**
ZQV 2.5N/2 BL	24 A	60	**1527740000**
ZQV 2.5N/10 BL	24 A	20	**1527880000**
AEP AP12		20	**1988300000**
AEB 35 SC/1		50	**1991920000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

Control voltage distribution
PUSH IN connection

Potential distribution with separate fusing

	AAP14 10 LO-LO	10 mm²	AAP14 10 FE-LO	10 mm²
				
Width/Height/Depth mm	10 x 94 x 54		10 x 94 x 54	
max. current / max. cond. cross-section A/mm²	**57 / 10**		**57 / 10**	
Max. clamping range mm²	**0.5...10**		**0.5...10**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500			
Rated current A	57			
for wire cross-section mm²	10			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A6 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...10 / 0.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10			
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm			
Note	Approval in progress			

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500			
Rated current A	57			
for wire cross-section mm²	10			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A6 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...10 / 0.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10			
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm			
Note	Approval in progress			

Ordering data

Version	Type	Qty.	Order No.
beige Wemid / red pusher			
beige Wemid / blue pusher			
beige Wemid / red and blue pushers	AAP14 10 LO-LO	20	**1988250000**
Note			

Type	Qty.	Order No.
AAP14 10 FE-LO	20	**1988240000**
FE = functional earth, contact to DIN rail.		

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	**2108470000**
10-pole / red	ZQV 2.5N/10 RD	24 A	20	**2108910000**
2-pole / blue	ZQV 2.5N/2 BL	24 A	60	**1527740000**
10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	**1527880000**
End plate / Partition plate				
	AEP AP14		20	**1988340000**
End bracket				
dark beige	AEB 35 SC/1		50	**1991920000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0x5,5x125		1	**9042130000**
Identification systems				
	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	**2108470000**
10-pole / red	ZQV 2.5N/10 RD	24 A	20	**2108910000**
2-pole / blue	ZQV 2.5N/2 BL	24 A	60	**1527740000**
10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	**1527880000**
End plate / Partition plate				
	AEP AP14		20	**1988340000**
End bracket				
dark beige	AEB 35 SC/1		50	**1991920000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0x5,5x125		1	**9042130000**
Identification systems				
	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

For detailed information on other accessories and application in the online catalogue

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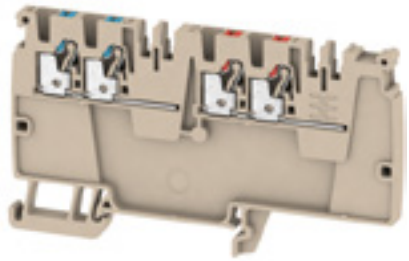
All MultiMark variants (MM) = strip markers

AAP14 2.5 LI-LI

2.5 mm²



5.1 x 94 x 54
24 / 2.5
0.5...2.5

IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
500			
24			
2.5			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Approval in progress

Type	Qty.	Order No.
AAP14 2.5 LI-LI	50	**1988230000**

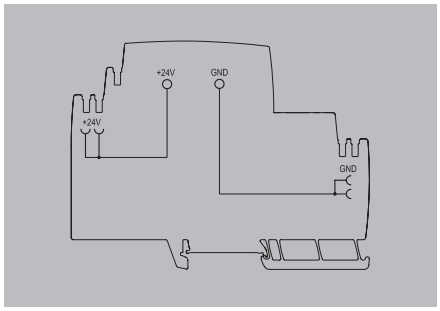
Type	current	Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	**2108470000**
ZQV 2.5N/10 RD	24 A	20	**2108910000**
ZQV 2.5N/2 BL	24 A	60	**1527740000**
ZQV 2.5N/10 BL	24 A	20	**1527880000**
AEP AP14		20	**1988340000**
AEB 35 SC/1		50	**1991920000**
SDIL 0,6x3,5x100		1	**9042110000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

All MultiMark variants (MM) = strip markers

maxGUARD – Feed-in module

Potential distribution with integrated electronic load monitoring

AMG FIM-0



Technical data

Input	
Input fuse (internal)	
DC input voltage range	18 ... 31.2 V DC
Rated input voltage	24 V DC
Current consumption (idle)	
Current consumption (full load)	
max. admissible residual ripple at the input	100 mVpp
Surge protection	Yes
Output	
Connection system [Output]	PUSH IN
Surge protection	Yes
General data	
Protection degree	IP20
Control inputs	
Overvoltage category	III
Connection data	
Number of terminals	2 (+,–)
Wire cross-section, AWG/kcmil min/max	18...6
Wire cross-section, flexible min/max	0.75...16 mm²
Wire cross-section, rigid min/max	0.75...10 mm²
Screwdriver blade	1.2 x 6.5
Approvals	
Approvals	CE
Note	

Ordering data

Rated current	Type	Qty.	Order No.
	AMG FIM-0	1	2081870000
Note			

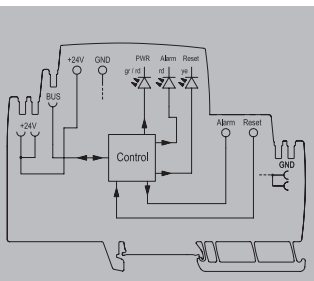
Accessories

Pluggable cross-connection	Type	Qty.	Order No.
50-pole	ZQV 4N/50	5	1528130000
50-pole / red	ZQV 4N/50 RD	60	2460730000
50-pole / blue	ZQV 4N/50 BL	5	1528240000
2-pole	ZQV 4N/2	60	1527930000
2-pole/ red	ZQV 4N/2 RD	60	2460450000
2-pole / blue	ZQV 4N/2 BL	60	1528040000
Note			

maxGUARD – feed-in module

Potential distribution with integrated electronic load monitoring

AMG FIM-C



Technical data

Input	
Input fuse (internal)	
DC input voltage range	18 ... 31.2 V DC
Rated input voltage	24 V DC
Current consumption (idle)	15 mA
Current consumption (full load)	
max. admissible residual ripple at the input	100 mVpp
Surge protection	Yes
Output	
Connection system [Output]	PUSH IN
Surge protection	Yes
General data	
Protection degree	IP20
Control inputs	ON/ OFF
Overvoltage category	III
Signalling	
LED yellow	External reset is signalled, Alarm is signalled
LED green	Operating voltage OK
LED red	Alarm
Transistor output, positive-switching	Alarm
Connection data	
Number of terminals	2 (+,–)
Wire cross-section, AWG/kcmil min/max	18...6
Wire cross-section, flexible min/max	0.75...16 mm²
Wire cross-section, rigid min/max	0.75...10 mm²
Screwdriver blade	1.2 x 6.5
Approvals	
Approvals	CE
Note	

Ordering data

Rated current	Type	Qty.	Order No.
	AMG FIM-C	1	**2081880000**
Note			

Accessories

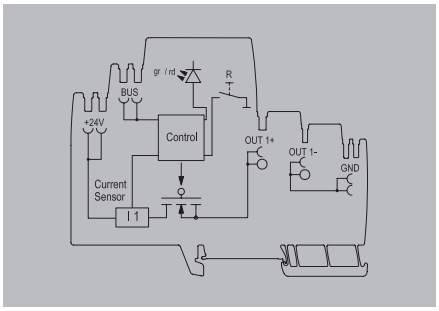
Pluggable cross-connection	Type	Qty.	Order No.
50-pole	ZQV 4N/50	5	**1528130000**
50-pole / red	ZQV 4N/50 RD	60	**2460730000**
50-pole / blue	ZQV 4N/50 BL	5	**1528240000**
2-pole	ZQV 4N/2	60	**1527930000**
2-pole/ red	ZQV 4N/2 RD	60	**2460450000**
2-pole / blue	ZQV 4N/2 BL	60	**1528040000**
Note			

Control voltage distribution
PUSH IN connection

maxGUARD – Load monitoring

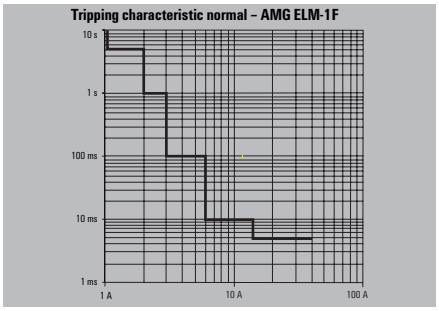
Potential distribution with integrated electronic load monitoring

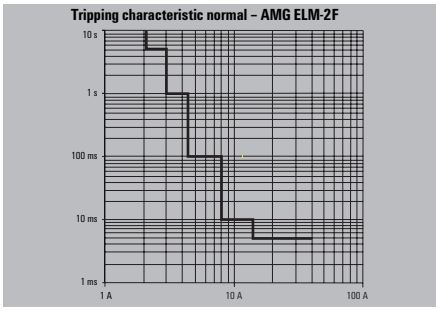
AMG ELM

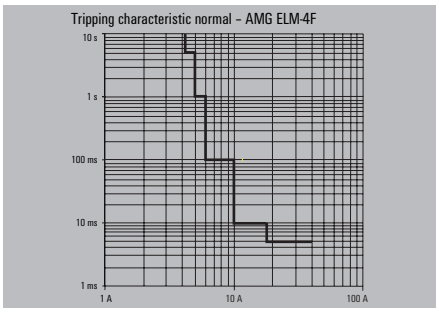


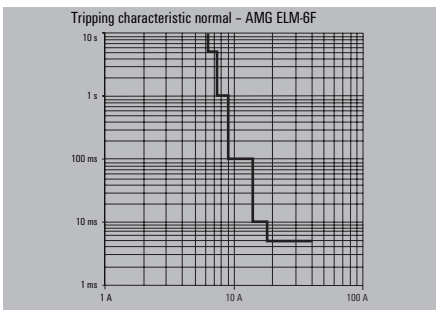
Technical data

Input			
Input fuse (internal)	Yes		
DC input voltage range	18 ... 31.2 V DC		
Rated input voltage	24 V DC		
Current consumption (idle) / Current consumption (full load)	25 mA / I_{OUT} +30 mA		
max. admissible residual ripple at the input	100 mVpp		
Surge protection	Yes		
Output			
Connection system [Output]	PUSH IN		
Triggering characteristic	see characteristic curve		
Switch-on delay	1 s		
Capacitive load	10,000 µF		
Surge protection	Yes		
Function button			
LED initial state	LED green, in operation	LED flashing red, load monitoring has triggered (disconnected)	LED red (permanently lit)
Pressing the button	> 0.1 to 2 s (manual disconnect)	> 0.1 to 2 s (confirm and reset)	> 0.1 to 2 s (restart)
LED, subsequent state	Red LED	Red LED	LED green
Output, subsequent state	switched off	switched off	switched on
General data			
Relay to activate the output	No		
Protection degree / Overvoltage category	IP20 / III		
Signalling			
LED green	Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)		
LED red	Load monitoring has disconnected, Load monitoring has triggered (flashing), Internal error (rapid flashing)		
Connection data			
Number of terminals [Output]	2 (+ / -)		
Wire cross-section, AWG/kcmil min/max	26...12		
Wire cross-section, flexible min/max	0.14...2.5 mm²		
Wire cross-section, rigid min/max	0.14...2.5 mm²		
Screwdriver blade	0.6 x 3.5		
Approvals			
Approvals	CE		
Note			









Ordering data

Rated current	Type	Qty.	Order No.
1.00 A	AMG ELM-1F	1	2080420000
2.00 A	AMG ELM-2F	1	2080480000
4.00 A	AMG ELM-4F	1	2080490000
6.00 A	AMG ELM-6F	1	2080500000
Note			

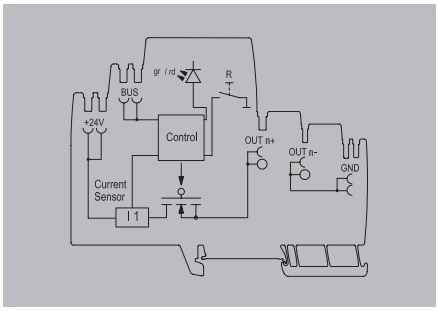
Accessories

	Type	Qty.	Order No.
	AMG DIS	50	2123050000
	AMG MD	20	2122930000
	AMG OD	40	2122910000
	AMG PD	40	2122920000
	AMG XMD	40	2122940000
Note			

maxGUARD – Load monitoring

Potential distribution with integrated electronic load monitoring

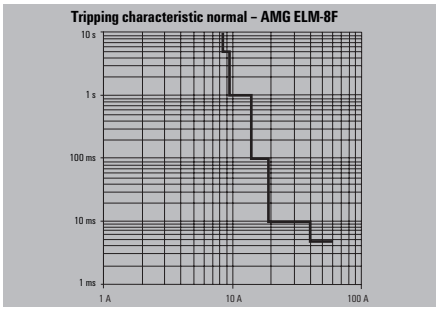
AMG ELM



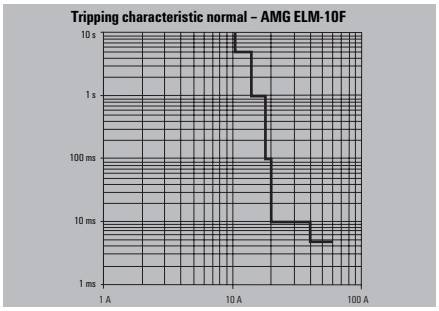
Technical data

Input			
Input fuse (internal)	Yes		
DC input voltage range	18 ... 31.2 V DC		
Rated input voltage	24 V DC		
Current consumption (idle)	25 mA		
Current consumption (full load)	I_{OUT} +30 mA		
max. admissible residual ripple at the input	100 mVpp		
Surge protection	Yes		
Output			
Connection system [Output]	PUSH IN		
Triggering characteristic	see characteristic curve		
Switch-on delay	1 s		
Capacitive load	15,000 µF		
Surge protection	Yes		
Function button			
LED initial state	LED green, in operation	LED flashing red, load monitoring has triggered (disconnected)	LED red (permanently lit)
Pressing the button	> 0.1 to 2 s (manual disconnect)	> 0.1 to 2 s (confirm and reset)	> 0.1 to 2 s (restart)
LED, subsequent state	Red LED	Red LED	LED green
Output, subsequent state	switched off	switched off	switched on
General data			
Relay to activate the output	No		
Protection degree	IP20		
Overvoltage category	III		
Signalling			
LED green	Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)		
LED red	Load monitoring has disconnected, Load monitoring has triggered (flashing), Internal error (rapid flashing)		
Connection data			
Number of terminals [Output]	4 (++ / –)		
Wire cross-section, AWG/kcmil min/max	26...12		
Wire cross-section, flexible min/max	0.14...2.5 mm²		
Wire cross-section, rigid min/max	0.14...2.5 mm²		
Screwdriver blade	0.6 x 3.5		
Approvals			
Approvals	CE		
Note			

Tripping characteristic normal – AMG ELM-8F



Tripping characteristic normal – AMG ELM-10F



Ordering data

Rated current	Type	Qty.	Order No.
8.00 A	AMG ELM-8F	1	**2080600000**
10.00 A	AMG ELM-10F	1	**2080650000**
Note			

Accessories

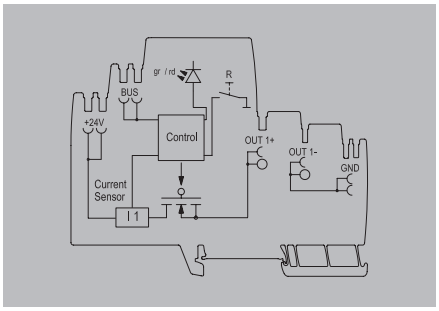
Type	Qty.	Order No.
AMG DIS	50	**2123050000**
AMG MD	20	**2122930000**
AMG OD	40	**2122910000**
AMG PD	40	**2122920000**
AMG XMD	40	**2122940000**
Note		

Control voltage distribution
PUSH IN connection

maxGUARD – Load monitoring

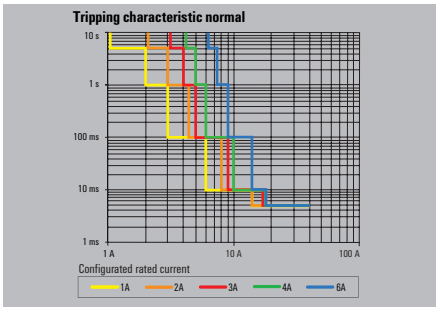
Potential distribution with integrated electronic load monitoring

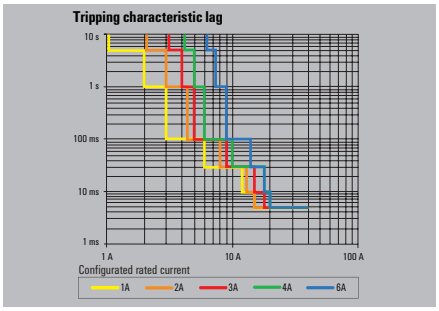
AMG ELM-6



Technical data

Input			
Input fuse (internal)	Yes		
DC input voltage range	18 ... 31.2 V DC		
Rated input voltage	24 V DC		
Current consumption (idle)	25 mA		
Current consumption (full load)	I_{OUT} +30 mA		
max. admissible residual ripple at the input	100 mVpp		
Surge protection	Yes		
Output			
Connection system [Output]	PUSH IN		
Triggering characteristic	see characteristic curve		
Switch-on delay	1 s		
Capacitive load	15,000 µF		
adjustable rated current	adj.: 1-2-3-4-6 A		
Surge protection	Yes		
Function button			
LED initial state	LED green, in operation	LED flashing red, load monitoring has triggered (disconnected)	LED red (permanently lit)
Pressing the button	> 0.1 to 2 s (manual disconnect)	> 0.1 to 2 s (confirm and reset)	> 0.1 to 2 s (restart)
LED, subsequent state	Red LED	Red LED	LED green
Output, subsequent state	switched off	switched off	switched on
General data			
Relay to activate the output	No		
Protection degree	IP20		
Overvoltage category	III		
Signalling			
LED green	Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)		
LED red	Load monitoring has disconnected, Load monitoring has triggered (flashing), Internal error (rapid flashing)		
Connection data			
Number of terminals [Output]	2 (+ / -)		
Wire cross-section, AWG/kcmil min/max	26...12		
Wire cross-section, flexible min/max	0.14...2.5 mm²		
Wire cross-section, rigid min/max	0.14...2.5 mm²		
Screwdriver blade	0.6 x 3.5		
Approvals			
Approvals	CE		
Note			





Ordering data

Rated current		Type	Qty.	Order No.
	6.00 A	AMG ELM-6	1	2080360000
Note				

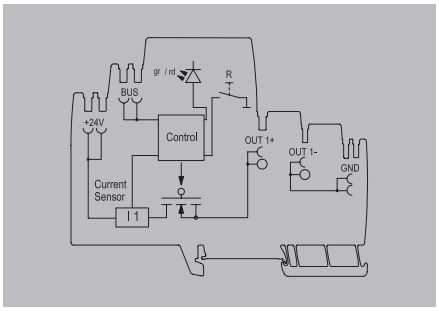
Accessories

	Type	Qty.	Order No.
	AMG DIS	50	2123050000
	AMG MD	20	2122930000
	AMG OD	40	2122910000
	AMG PD	40	2122920000
	AMG XMD	40	2122940000
Note			

maxGUARD – Load monitoring

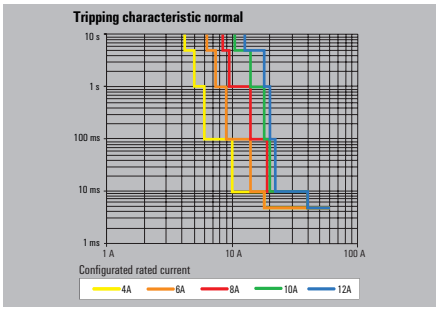
Potential distribution with integrated electronic load monitoring

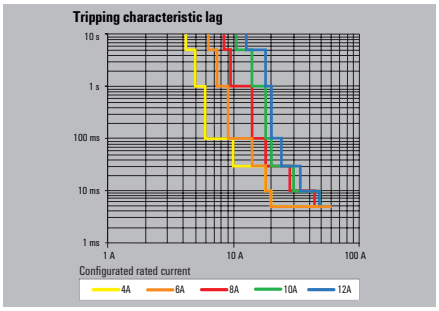
AMG ELM-12



Technical data

Input			
Input fuse (internal)	Yes		
DC input voltage range	18 ... 31.2 V DC		
Rated input voltage	24 V DC		
Current consumption (idle)	25 mA		
Current consumption (full load)	I_{OUT} +30 mA		
max. admissible residual ripple at the input	100 mVpp		
Surge protection	Yes		
Output			
Connection system [Output]	PUSH IN		
Triggering characteristic	see characteristic curve		
Switch-on delay	1 s		
adjustable rated current	adj.: 4-6-8-10-12 A		
Capacitive load	20,000 µF		
Surge protection	Yes		
Function button			
LED initial state	LED green, in operation	LED flashing red, load monitoring has triggered (disconnected)	LED red (permanently lit)
Pressing the button	> 0.1 to 2 s (manual disconnect)	> 0.1 to 2 s (confirm and reset)	> 0.1 to 2 s (restart)
LED, subsequent state	Red LED	Red LED	LED green
Output, subsequent state	switched off	switched off	switched on
General data			
Relay to activate the output	No		
Protection degree	IP20		
Overvoltage category	III		
Signalling			
LED green	Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)		
LED red	Load monitoring has disconnected, Load monitoring has triggered (flashing), Internal error (rapid flashing)		
Connection data			
Number of terminals [Output]	4 (++ / –)		
Wire cross-section, AWG/kcmil min/max	26...12		
Wire cross-section, flexible min/max	0.14...2.5 mm²		
Wire cross-section, rigid min/max	0.14...2.5 mm²		
Screwdriver blade	0.6 x 3.5		
Approvals			
Approvals	CE		
Note			





Ordering data

Rated current	Type	Qty.	Order No.
12.00 A	AMG ELM-12	1	2080410000
Note			

Accessories

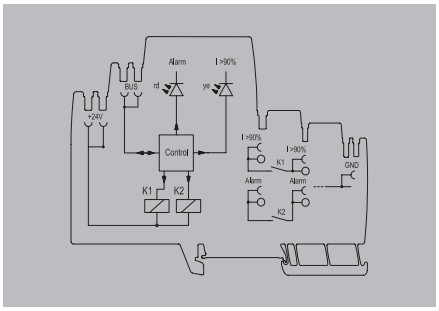
Type	Qty.	Order No.
AMG DIS	50	2123050000
AMG MD	20	2122930000
AMG OD	40	2122910000
AMG PD	40	2122920000
AMG XMD	40	2122940000
Note		

Control voltage distribution
PUSH IN connection

maxGUARD – Alarm module

Potential distribution with integrated electronic load monitoring

AMG AM



Technical data

Input	
Input fuse (internal)	
DC input voltage range	18 ... 31.2 V DC
Rated input voltage	24 V DC
Current consumption (idle)	20 mA
Current consumption (full load)	
max. admissible residual ripple at the input	100 mVpp
Surge protection	Yes
Output	
Connection system [Output]	PUSH IN
Triggering characteristic	
Switch-on delay	
Capacitive load	
Surge protection	Yes
General data	
Relay to activate the output	
Protection degree	IP20
Control inputs	
Overvoltage category	III
Signalling	
LED yellow	Current > 90% Inom (flashing)
LED red	Alarm
Floating contact	Yes
Status relay (max. load)	Alarm (24 V / 0.1 A), I > 90% (24 V / 0.1 A)
Connection data	
Number of terminals [Output]	4 (2 x NO)
Wire cross-section, AWG/kcmil min/max	26...12
Wire cross-section, flexible min/max	0.14...2.5 mm²
Wire cross-section, rigid min/max	0.14...2.5 mm²
Screwdriver blade	0.6 x 3.5
Approvals	
Approvals	CE
Note	

Ordering data

Rated current	Type	Qty.	Order No.
	AMG AM	1	2081890000
Note			

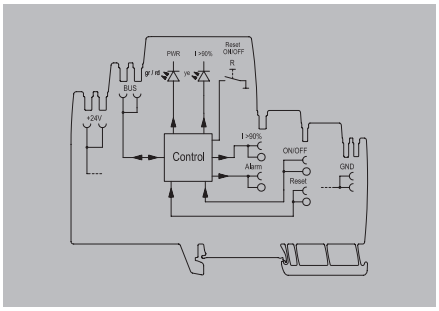
Accessories

Pluggable cross-connection	Type	Qty.	Order No.
50-pole	ZQV 4N/50	5	1528130000
50-pole / red	ZQV 4N/50 RD	60	2460730000
50-pole / blue	ZQV 4N/50 BL	5	1528240000
2-pole	ZQV 4N/2	60	1527930000
2-pole/ red	ZQV 4N/2 RD	60	2460450000
2-pole / blue	ZQV 4N/2 BL	60	1528040000
Note			

maxGUARD – Control module

Potential distribution with integrated electronic load monitoring

AMG CM



Technical data

Input	
DC input voltage range	18 ... 31.2 V DC
Rated input voltage	24 V DC
Current consumption (idle)	20 mA
Current consumption (full load)	
max. admissible residual ripple at the input	100 mVpp
Surge protection	Yes
Output	
Connection system [Output]	PUSH IN
Surge protection	Yes
General data	
Relay to activate the output	
Protection degree	IP20
Control inputs	ON/ OFF, Reset
Overvoltage category	III
Signalling	
LED green	Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)
LED red	Load monitoring has disconnected, Load monitoring has triggered (flashing), Internal error (rapid flashing)
Transistor output, positive-switching	Pre-warning, Alarm
Connection data	
Number of terminals	4 (Reset / ON / Pre-warning / Alarm)
Wire cross-section, AWG/kcmil min/max	26...12
Wire cross-section, flexible min/max	0.14...2.5 mm²
Wire cross-section, rigid min/max	0.14...2.5 mm²
Screwdriver blade	0.6 x 3.5
Approvals	
Approvals	CE
Note	

Ordering data

Rated current	Type	Qty.	Order No.
	AMG CM	1	**2081900000**
Note			

Accessories

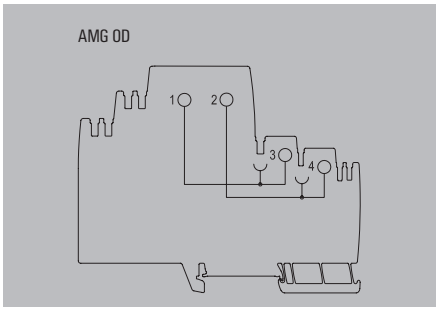
Pluggable cross-connection	Type	Qty.	Order No.
50-pole	ZQV 4N/50	5	**1528130000**
50-pole / red	ZQV 4N/50 RD	60	**2460730000**
50-pole / blue	ZQV 4N/50 BL	5	**1528240000**
2-pole	ZQV 4N/2	60	**1527930000**
2-pole/ red	ZQV 4N/2 RD	60	**2460450000**
2-pole / blue	ZQV 4N/2 BL	60	**1528040000**
Note			

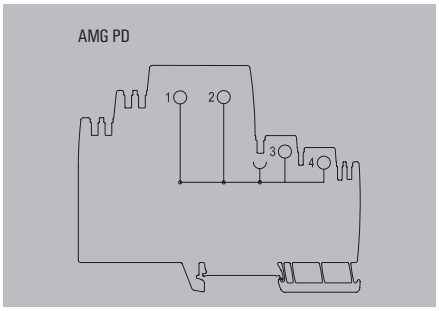
Control voltage distribution
PUSH IN connection

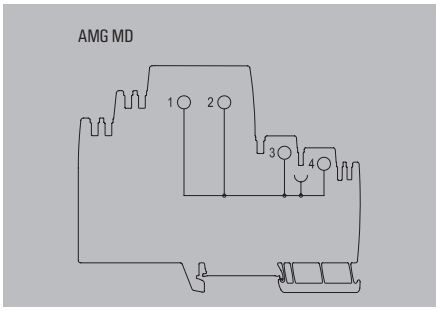
maxGUARD – Potential distributor

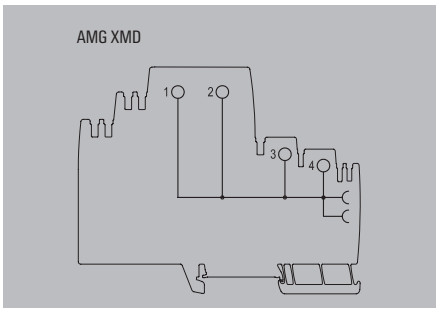
Potential distribution with integrated electronic load monitoring

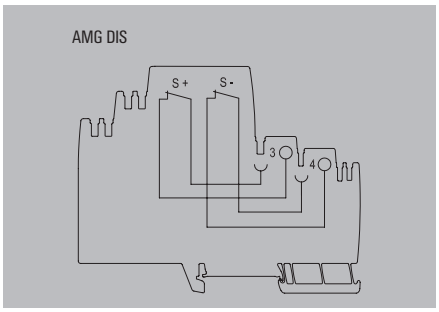
AMG











Technical data

General data	
Protection degree	IP20
Connection data	
Connection system [Output]	PUSH IN
Number of terminals [Output]	4 (++ / –), 2 x 1.5 mm², 2 x 2.5 mm²
Wire cross-section, AWG/kcmil min/max	26...12
Wire cross-section, flexible min/max	0.14...2.5 mm²
Wire cross-section, rigid min/max	0.14...2.5 mm²
Screwdriver blade	0.6 x 3.5
Approvals	
Approvals	CE
Note	

Ordering data

Type	Qty.	Order No.
AMG OD	40	**2122910000**
AMG PD	40	**2122920000**
AMG MD	20	**2122930000**
AMG XMD	40	**2122940000**
AMG DIS	50	**2123050000**

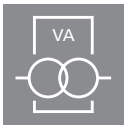
Note

Accessories

Pluggable cross-connection	Type	Qty.	Order No.
50-pole	ZQV 4N/50	5	**1528130000**
50-pole / red	ZQV 4N/50 RD	60	**2460730000**
50-pole / blue	ZQV 4N/50 BL	5	**1528240000**
2-pole	ZQV 4N/2	60	**1527930000**
2-pole/ red	ZQV 4N/2 RD	60	**2460450000**
2-pole / blue	ZQV 4N/2 BL	60	**1528040000**
Note			

Efficient implementation of testing and measurement switchgear

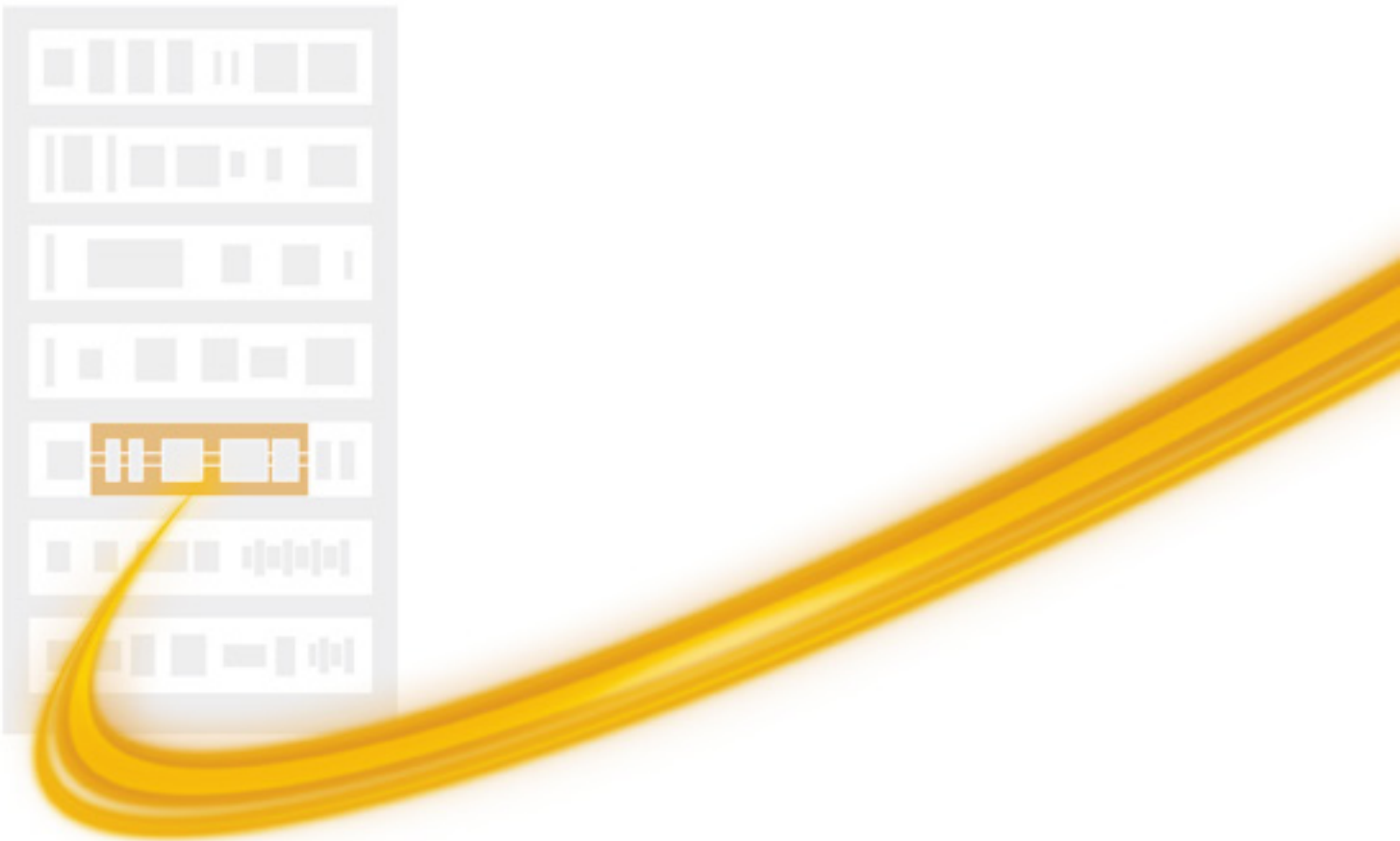
Safe and thorough with Klippon® Connect



In energy monitoring, incorrect wiring can destroy current and voltage transformers. Our specially developed test-disconnect terminal blocks, in various connection technologies, are a safe way of solving this problem. Simple operation ensures error-free, convenient wiring. This guarantees the protection of your transformers and measuring devices and ensures safe, precise work. Our integrated terminal blocks, in modular design for transformer switches, also save space in the panel.

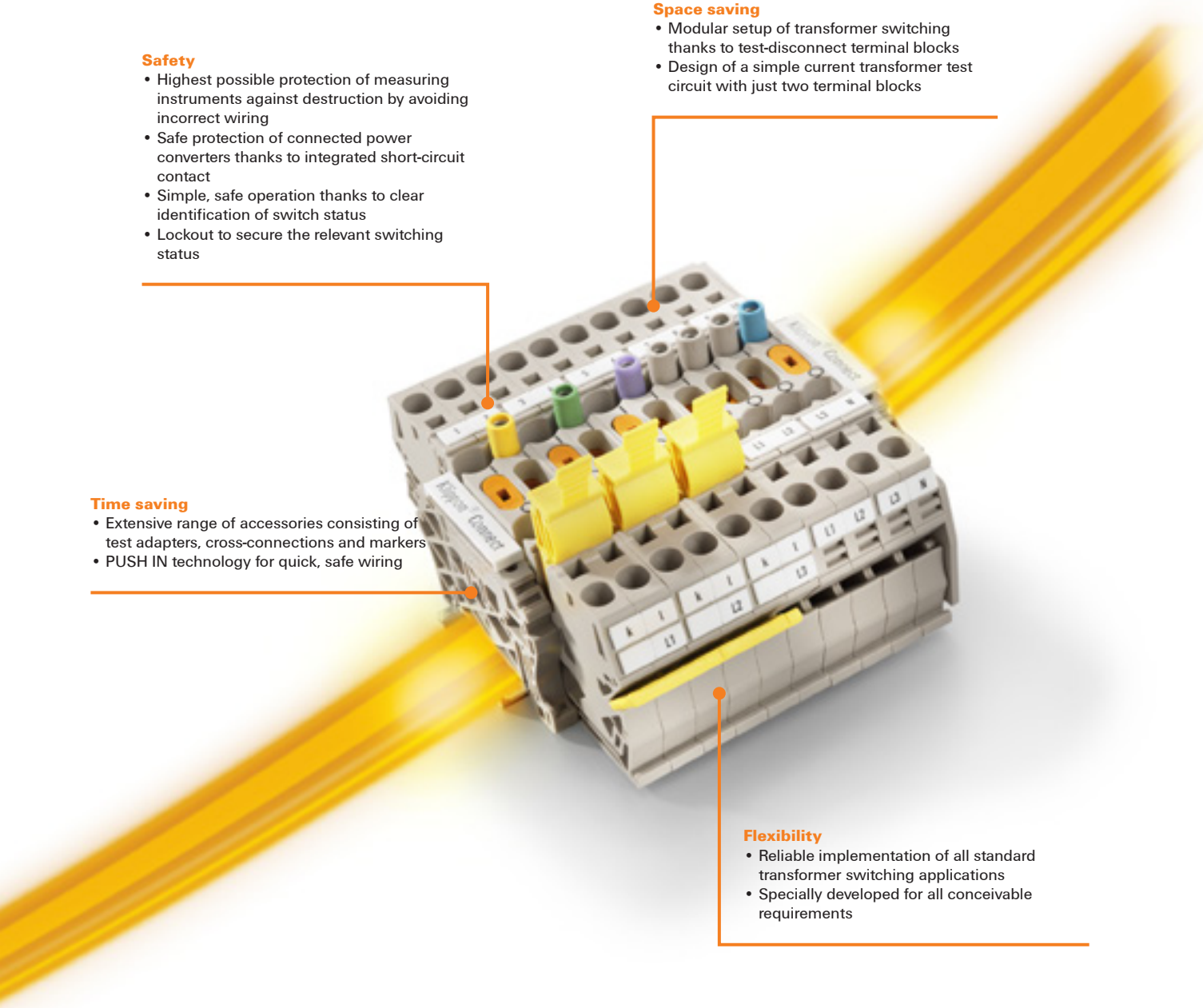
Our promise

The sophisticated features and proven connection technologies means Klippon® Connect solves testing and measurement issues more safely and efficient. Our extensive portfolio provides flexibility and productivity at all stages of the process.



Safety
- Highest possible protection of measuring instruments against destruction by avoiding incorrect wiring
- Safe protection of connected power converters thanks to integrated short-circuit contact
- Simple, safe operation thanks to clear identification of switch status
- Lockout to secure the relevant switching status

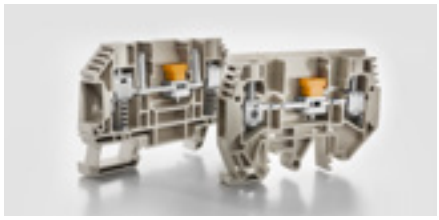
Space saving
- Modular setup of transformer switching thanks to test-disconnect terminal blocks
- Design of a simple current transformer test circuit with just two terminal blocks



Time saving
- Extensive range of accessories consisting of test adapters, cross-connections and markers
- PUSH IN technology for quick, safe wiring

Flexibility
- Reliable implementation of all standard transformer switching applications
- Specially developed for all conceivable requirements

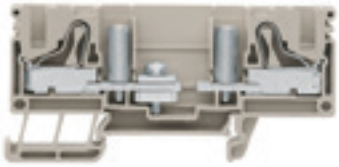
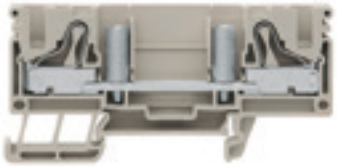
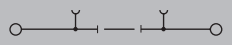
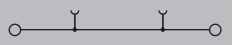
Our range



Simple operation to prevent errors:
With our test-disconnect terminal blocks, based on tested Weidmüller screw connection technology, connecting challenges can be resolved clearly and cost-effectively. The screws connecting the conductors are only accessible after the current transformer has been short-circuited using the short-circuit slider. This ensures safety as it prevents accidental short-circuiting or opening of the converter circuit.

Screwless and simple:
Our test-disconnect terminal blocks with PUSH IN and tension clamp technology are the ideal solution to establishing switching circuits for measurement tasks. The simple operating system with a spring connection and the clear identification of the switch status guarantee safe short-circuiting and disconnecting at all times.

Instrument transformer wiring
PUSH IN connection

	PTL 6/10	6 mm²	PTD 6/10	6 mm²
	PUSH IN		PUSH IN	
				
Width/Height/Depth mm	8.1 x 82 x 39.6		8.1 x 82 x 39.6	
max. current / max. cond. cross-section -/mm²	/ 10		/ 10	
Max. clamping range mm²	1.5...10		1.5...10	

Technical data

Rated data						IEC 60947-7-1						IEC 60947-7-1					
		IEC		UL	CSA	EN 60079-7		IEC		UL	CSA	EN 60079-7	
Rated voltage of feed-through terminal	V	800		600				800		600			
Rated current	A	57		45				57		45			
for wire cross-section	mm²	6						6					
Rated impulse withstand voltage / Pollution severity					8 kV / 3						8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating					A5 / V-0						A5 / V-0		
Approvals		CE cULus						CE cULus					
Clamped conductors (H05V/H07V)		**Rated connection**						**Rated connection**					
Solid / Stranded	mm²	1.5...6						1.5...6					
Flexible / Flexible with ferrule	mm²	1.5...10 / 1.5...10						1.5...10 / 1.5...10					
Twin wire-end ferrule	-												
Stripping length / Blade size	mm/-	14 / 0.6 x 3.5 mm						14 / 0.6 x 3.5 mm					
Note													

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige Wemid	PTL 6/10/STB	50	1084780000	PTD 6/10/STB	50	1084790000
Note							

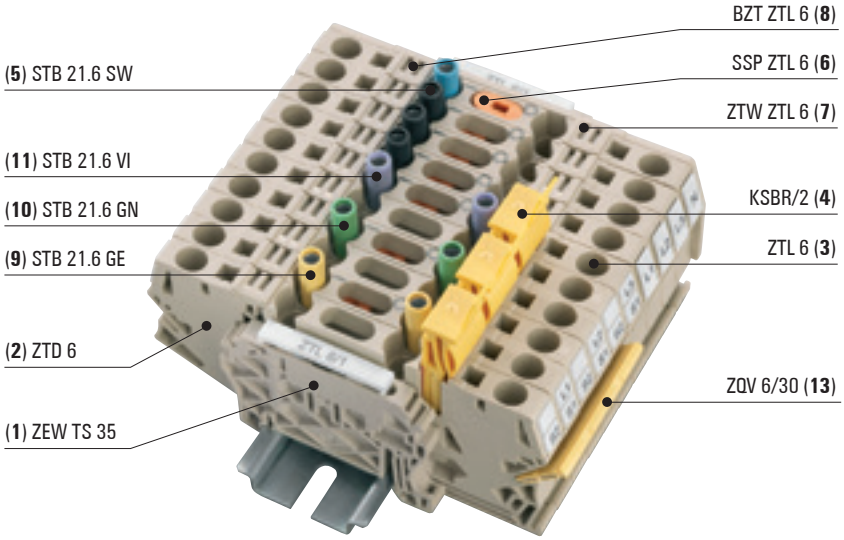
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole	WQV 6/2	57 A	50	1052360000	WQV 6/2	57 A	50	1052360000
3-pole	WQV 6/3	57 A	50	1054760000	WQV 6/3	57 A	50	1054760000
4-pole	WQV 6/4	57 A	50	1054860000	WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000	WQV 6/10	57 A	20	1052260000
End plate / Partition plate								
dark beige	PAP PTL/PSI 6/10		20	1165320000	PAP PTL/PSI 6/10		20	1165320000
black	PAP PTL/PSI 6/10 SW		20	1165330000	PAP PTL/PSI 6/10 SW		20	1165330000
End bracket								
dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Threaded bushing								
Standard	GWHUE M3 WTL6		50	1255010000	GWHUE M3 WTL6		50	1255010000
Testing / Checking								
Socket - blue	STB 21.6/45 BL		50	1936290000	STB 21.6/45 BL		50	1936290000
Socket - yellow	STB 21.6/45 GE		50	1936240000	STB 21.6/45 GE		50	1936240000
Socket - green	STB 21.6/45 GN		50	1936250000	STB 21.6/45 GN		50	1936250000
Socket - magenta	STB 21.6/45 VI		50	1936260000	STB 21.6/45 VI		50	1936260000
Socket	STB 14/D6/4/M3 SAK10		500	2012420000	STB 14/D6/4/M3 SAK10		500	2012420000
Socket - blue	STB 36.8/IH/BL WTL6/1		50	1847790000	STB 36.8/IH/BL WTL6/1		50	1847790000
Socket - yellow	STB 36.8/IH/GE WTL6/1		50	1847760000	STB 36.8/IH/GE WTL6/1		50	1847760000
Socket - green	STB 36.8/IH/GN WTL6/1		50	1847770000	STB 36.8/IH/GN WTL6/1		50	1847770000
Socket - magenta	STB 36.8/IH/VI WTL6/1		50	1847780000	STB 36.8/IH/VI WTL6/1		50	1847780000
Socket	STB 36.8/IH/DB WTL6/1		50	1847740000	STB 36.8/IH/DB WTL6/1		50	1847740000
Screwdriver								
Standard	SDS 0.5X3.0X80		1	9008320000	SDS 0.5X3.0X80		1	9008320000
Miscellaneous accessories								
Short-circuit plug, 2-pole	QS 2/8/4	44 A	20	0270960000	QS 2/8/4	44 A	20	0270960000
Identification systems								
	DEK 5/8 MC NE WS		800	1856740000	DEK 5/8 MC NE WS		800	1856740000

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
Tension clamp connection

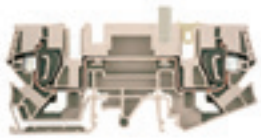
Test-disconnect terminal blocks for measuring with ZTL 6



Pos.	Type	Qty.	Order No.
1	ZEW TS 35 (nur TS 35)	20	**9540000000**
1	EWK1 (nur TS 32)	50	**0206160000**
2	ZTD 6	20	**1771810000**
3	ZTL 6	20	**1771800000**
4	KSBR/2	50	**1771820000**
5	STB 21.6 SW	50	**1071040000**
6	SSP ZTL 6	100	**1771860000**
7	ZTW ZTL 6	20	**1771870000**
8	BZT ZTL 6	20	**1781140000**
Optionally available for better labelling (instead of 11 x Pos. 5):			
Pos.	**Type**	**Qty.**	**Order No.**
5	STB 21.6 BE	50	**1071000000**
9	STB 21.6 GE	50	**1071010000**
10	STB 21.6 GN	50	**1071020000**
11	STB 21.6 VI	50	**1071030000**
12	STB 21.6 BL	50	**1071080000**
Optionally available for a shared k-point:			

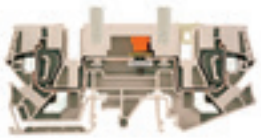
ZTD 6 — 6 mm²

Feed-through terminal



ZTL 6 — 6 mm²

Disconnect test terminal



		ZTD 6	ZTL 6
Width/Height/Depth	mm	8 x 106 x 46.5	8 x 106 x 46.5
max. current / max. cond. cross-section	A/mm²	**52 / 10**	**52 / 10**
Max. clamping range	mm²	**0.5...10**	**0.5...10**

Technical data

Rated data		ZTD 6	ZTL 6
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7
800	300	300	
41	33	33	
6	AWG 20...8	AWG 20...8	
	8 kV / 3		
	A5 / V-0		

CE cULus

Rated connection	ZTD 6	ZTL 6
	0.5...10 / 1.5...6	0.5...10 / 1.5...6
	0.5...6 / 0.5...6	0.5...6 / 0.5...6
	13 / 0.8 x 4.0 mm	13 / 0.8 x 4.0 mm

Note	ZTD 6	ZTL 6
	400V when used as a disconnect terminal. Tightening torque for ZTL 6 disconnection element with screw = 0.5 - 0.6 Nm	400V when used as a disconnect terminal. Tightening torque for ZTL 6 disconnection element with screw = 0.5 - 0.6 Nm

Ordering data

Version	Type	Qty.	Order No.
without socket	ZTD 6	20	**1771810000**
with socket	ZTD 6/STB	20	**1771960000**

Version	Type	Qty.	Order No.
without socket	ZTL 6	20	**1771800000**
with socket	ZTL 6/STB	20	**1771950000**

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
3-pole	ZQV 6/3 GE	41 A	60	**1627860000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate				
End plate	ZTW ZTL6		20	**1771870000**
Testing / Checking				
Test plug	PS 4 F.STB 4		20	**0299600000**
Socket - yellow	STB 21.6/IH/GE WTL6/3		50	**1071010000**
Socket - green	STB 21.6/IH/GN WTL6/3		50	**1071020000**
Socket - magenta	STB 21.6/IH/VI WTL6/3		50	**1071030000**
Socket - blue	STB 21.6/IH/BL WTL6/3		50	**1071080000**
Miscellaneous accessories				
Lockout device				
Short-circuit plug, 2-pole	KSBR/2 ZTL6	41 A	20	**1771820000**
Short-circuit plug, 3-pole	KSBR/3 ZTL6	41 A	20	**1771830000**
Short-circuit plug, 4-pole	KSBR/4 ZTL6	41 A	20	**1771840000**
Marker holder				
	BZT ZTL6		20	**1781140000**
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

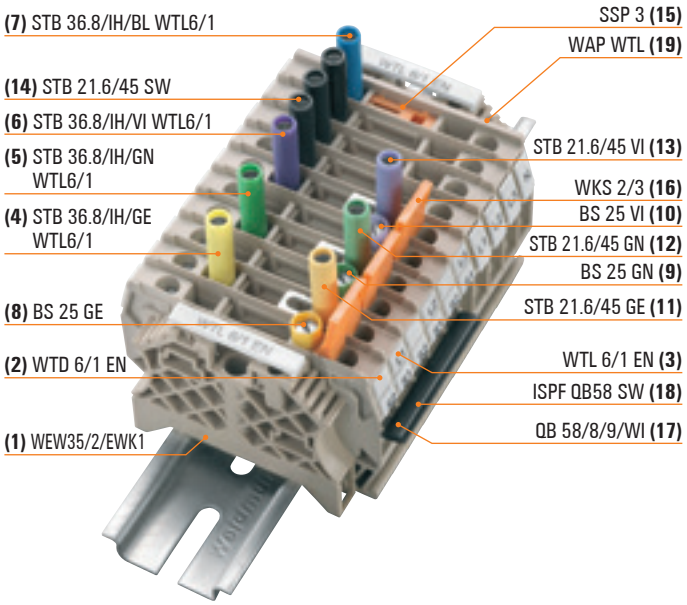
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
3-pole	ZQV 6/3 GE	41 A	60	**1627860000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate				
End plate	ZTW ZTL6		20	**1771870000**
Testing / Checking				
Test plug	PS 4 F.STB 4		20	**0299600000**
Socket - yellow	STB 21.6/IH/GE WTL6/3		50	**1071010000**
Socket - green	STB 21.6/IH/GN WTL6/3		50	**1071020000**
Socket - magenta	STB 21.6/IH/VI WTL6/3		50	**1071030000**
Socket - blue	STB 21.6/IH/BL WTL6/3		50	**1071080000**
Miscellaneous accessories				
Lockout device	SSP ZTL6		100	**1771860000**
Short-circuit plug, 2-pole	KSBR/2 ZTL6	41 A	20	**1771820000**
Short-circuit plug, 3-pole	KSBR/3 ZTL6	41 A	20	**1771830000**
Short-circuit plug, 4-pole	KSBR/4 ZTL6	41 A	20	**1771840000**
Marker holder				
	BZT ZTL6		20	**1781140000**
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue	ZTD 6	ZTL 6
	Pluggable marker holder for additional marking tags above the cross-connector channel (BZT ZTL 6).	Pluggable marker holder for additional marking tags above the cross-connector channel (BZT ZTL 6).

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN

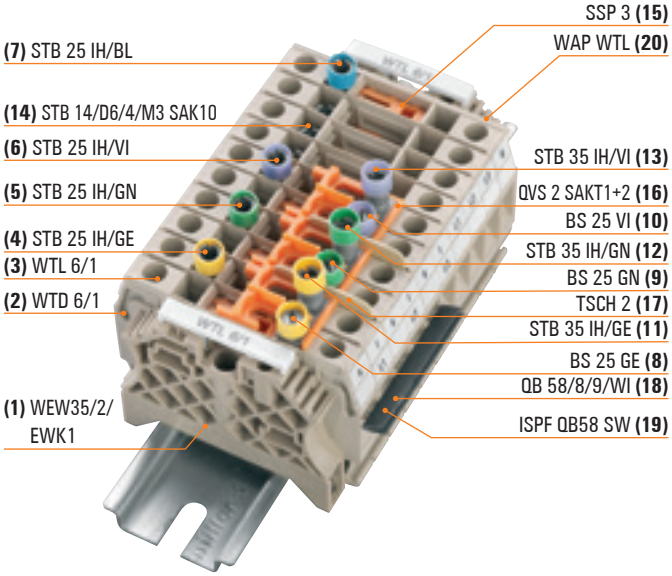


STB 21.6/45

VH 16

WAP WTL

WTL 6/1, WTD 6/1, WTQ 6/1



STB 35 IH/SW

VH 19

WAP WTL

Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	**1061200000**	**0206160000**	2
2	WTD 6/1 EN	**1934830000**	**1934830000**	3
3	WTL 6/1 EN	**1934810000**	**1934810000**	7
4	STB 36.8/IH/GE WTL6/1	**1847760000**	**1847760000**	1
5	STB 36.8/IH/GN WTL6/1	**1847770000**	**1847770000**	1
6	STB 36.8/IH/VI WTL6/1	**1847780000**	**1847780000**	1
7	STB 36.8/IH/BL WTL6/1	**1847790000**	**1847790000**	1
8	BS 25 GE	**0335700000**	**0335700000**	1
9	BS 25 GN	**0335600000**	**0335600000**	1
10	BS 25 VI	**0335800000**	**0335800000**	1
11	STB 21.6/45 GE	**1936240000**	**1936240000**	2
12	STB 21.6/45 GN	**1936250000**	**1936250000**	2
13	STB 21.6/45 VI	**1936260000**	**1936260000**	2
14	STB 21.6/45 SW	**1936270000**	**1936270000**	2
15	SSP 3	**0531760000**	**0531760000**	7
16	WKS 2/3	**1936140000**	**1936140000**	3
17	QB 58/8/9/WI	**0545300000**	**0545300000**	1
18	ISPF QB58 SW	**0546000000**	**0546000000**	1
19	WAP WTL	**1957710000**	**1957710000**	1
20	VH 16	**0309700000**	**0309700000**	9

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
21	QB 58*angled	**0545300000**	**0545300000**	1
22	ISPFQB58SW*	**0546000000**	**0546000000**	1

* Shorten to 5 poles

Ordering data

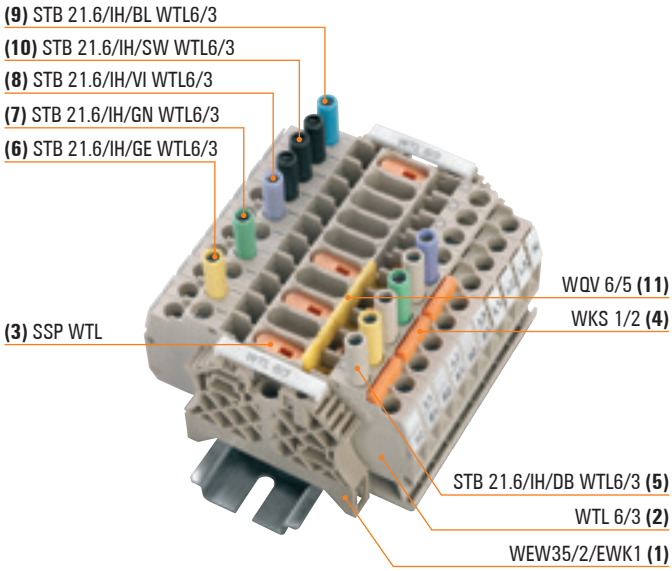
Pos.	Type	Order No.	Qty.
1	WEW35/2/EWK1	**1061200000**	2
2	WTD 6/1	**1017100000**	3
3	WTL 6/1	**1016700000**	7
4	STB 25 IH/GE	**0267200000**	1
5	STB 25 IH/GN	**0271200000**	1
6	STB 25 IH/VI	**0271300000**	1
7	STB 25 IH/BL	**0343400000**	1
8	BS 25 GE	**0335700000**	1
9	BS 25 GN	**0335600000**	1
10	BS 25 VI	**0335800000**	1
11	STB 35 IH/GE	**0389000000**	2
12	STB 35 IH/GN	**0388900000**	2
13	STB 35 IH/VI	**0389100000**	2
14	STB 14/D6/4/M3 SAK10	**0169900000**	2
15	SSP 3	**0531760000**	7
16	QVS 2 SAKT1+2	**0307300000**	1
17	TSCH 2	**0353660000**	1
18	QB 58/8/9/WI	**0545300000**	1
19	ISPF QB58 SW	**0546000000**	1
20	WAP WTL	**1068300000**	1
21	VH 19	**0318000000**	9

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
21	QB 58*angled	**0545300000**	**0545300000**	1
22	ISPFQB58SW*	**0546000000**	**0546000000**	1

* Shorten to 5 poles

WTL 6/2, WTL 6/3



Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000		10
3	SSP WTL	1604200000	1604200000	4
4	WKS 1/2	1604270000	1604270000	3

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

Pos.	Type	Order No.	Order No.	Qty.
5	STB 21.6/IH/DB WTL6/3	1071000000	1071000000	7
6	STB 21.6/IH/GE WTL6/3	1071010000	1071010000	2
7	STB 21.6/IH/GN WTL6/3	1071020000	1071020000	2
8	STB 21.6/IH/VI WTL6/3	1071030000	1071030000	2
9	STB 21.6/IH/BL WTL6/3	1071080000	1071080000	1
10	STB 21.6/IH/SW WTL6/3	1071040000	1071040000	3

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
11	WQV 6/5	1062660000	1062660000	1

Accessories for test-disconnect terminals WTL 6/1

Technical data

Rated voltage for neighbouring	rated voltage
QVS	63 V
WQV	bis 400 V
QL	250 V

for neighbouring	rated voltage
STB 25	63 V
STB 30.5	63 V
STB 35	63 V

SSP WTL, **SSP 3** and **SSP 4** prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

Type	Qty.	Order No.
SSP 3	100	**0531760000**
SSP WTL	100	**1604200000**

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.

QVS 1

Cross-connection slider

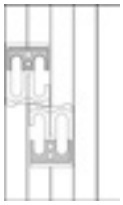
QVS QVS QVSK 2 QVS 2S

Type	No. of poles	Qty.	Order No.
QVS 2	2	20	**0307300000**
QVSK 2	2	20	**1670360000**
QVS 3	3	20	**0329300000**
QVS 4	4	20	**0307400000**
QVS 2S	2	20	**0358460000**

Note:
Not suitable for WTL 6/1 EN.

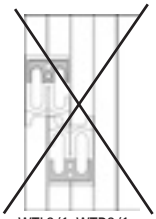
QVS 2 placed opposite each other cannot be switched.

QVSK 2
(167036)



WTL6/1, WTD6/1

QVS 2
(030730)



WTL6/1, WTD6/1

STB

Cross-connection slider

Type	Colour	Qty.	Order No.
STB 14			
STB 14		50	**0169900000**
STB 30,5			
STB 30.5	black	50	**0341000000**
STB 30.5	grey	50	**0341100000**
STB 30.5	blue	50	**0341200000**
STB 30.5	red	50	**0341300000**
STB 30.5	green	50	**0341400000**
STB 30.5	yellow	50	**0341500000**
STB 30.5	violet	50	**0341600000**
STB 35			
STB 35	yellow	50	**0389000000**
STB 35	green	50	**0388900000**
STB 35	violet	50	**0389100000**
STB 35	black	50	**0388500000**
STB 35	grey	50	**0388600000**
STB 35	blue	50	**0388700000**
STB 35	red	50	**0388800000**
Connecting sleeves			
VH19		50	**0318000000**

Accessories for test-disconnect terminals WTL 6/1 EN

BS / VH

Type	Colour	Qty.	Order No.
Fixing screws			
BS 25	yellow	50	**0335700000**
BS 25	green	50	**0335600000**
BS 25	violet	50	**0335800000**
BS 25	grey	50	**0335300000**
BS 25	black	50	**0335200000**
BS 25	blue	50	**0335400000**
BS 25	red	50	**0335500000**
BS 25	blank	50	**0334700000**
STB 25			
STB 21.6/45 BL	blue	50	**1936290000**
STB 21.6/45 DB	d.blue	50	**1938790000**
STB 21.6/45 GE	yellow	50	**1936240000**
STB 21.6/45 GN	green	50	**1936250000**
STB 21.6/45 GR	grey	50	**1936280000**
STB 21.6/45 RT	red	50	**1936300000**
STB 21.6/45 SW	black	50	**1936270000**
STB 21.6/45 VI	violet	50	**1936260000**
Connecting sleeves			
VH 16/5/3.5 SAK10-35 CuZn 39 (brass alloy)		50	**0309700000**
STB 36,8			
STB 36.8/IH/DB WTL6/1		50	**1847740000**
STB 36.8/IH/GE WTL6/1		50	**1847760000**
STB 36.8/IH/GN WTL6/1		50	**1847770000**
STB 36.8/IH/VI WTL6/1		50	**1847780000**
STB 36.8/IH/BL WTL6/1		50	**1847790000**

WQV / QL

WQV (only for WTL 6/2, WTL 6/3)

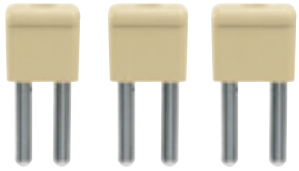
Type	No. of poles	Qty.	Order No.
WQV			
WQV 6/2	2	50	**1052360000**
WQV 6/3	3	50	**1054760000**
WQV 6/4	4	50	**1054860000**
WQV 6/5	5	50	**1062660000**
WQV 6/7	7	50	**1062680000**
WQV 6/10	10	20	**1052260000**
QL			
QL 2	2	50	**0194300000**
QL 3	3	50	**0194400000**
QL 4	4	50	**0194500000**
QL 10	10	20	**0338300000**
QL 15	15	10	**0221200000**
Connecting sleeves			
VH 12 E-Cu 57 (copper alloy)		100	**0249000000**

WKS / WKB

WKS **WKB**

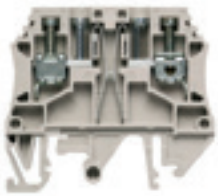
Type	No. of poles	Qty.	Order No.
WQV			
WKB 1/2	2	50	**1604280000**
WKB 1/3	3	50	**1604300000**
WKB 1/4	4	50	**1604320000**
WKB 1/10	10	20	**1604330000**
WKS			
WKS 1/2	2	50	**1604270000**
WKS 1/3	3	50	**1604290000**
WKS 1/4	4	50	**1604310000**
WKS 2/2	2	50	**1936150000**
WKS 2/3	3	50	**1936140000**

QS 2



Type	No. of poles	Qty.	Order No.
WQV			
QS 2 x = 8 mm, y = 16 mm	2	20	**0270960000**
QS 2 x = 10 mm, y = 20 mm	2	20	**0270860000**
QS 2 x = 12 mm, y = 20 mm	2	20	**0270760000**

Instrument transformer wiring
Screw connection

	WTL 4	WTL 4/2
	4 mm²	4 mm²
		Enforced short-circuit function
		
Width/Height/Depth mm	6.1 x 61.3 x 39.9	6 x 56.5 x 48.5
max. current / max. cond. cross-section A	**41 / 6**	**11 / 6**
Max. clamping range mm²	**0.13...6**	**0.13...6**

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300	
Rated current A	32	28	28	
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE, CSA, UL			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...6 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Tightening torque range (terminal screw)	0.4...0.7 Nm (M 2.5)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note	Use as a disconnect terminal with 500 V.			

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	150	
Rated current A	10	8	8	
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0		
Approvals	CSA, UL			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4			
Tightening torque range (terminal screw)	0.5...0.8 Nm (M 3)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note	2 wires can be connected; similar to the WDU 4N.			

Ordering data

Version	Type	Qty.	Order No.
without socket	WTL 4	50	**1754960000**
with socket	WTL 4/STB	50	**1754970000**
Note			

Type	Qty.	Order No.
WTL 4/2 STB	50	**1881650000**

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 4/2	32 A	50	**1051960000**
3-pole	WQV 4/3	32 A	50	**1054560000**
4-pole	WQV 4/4	32 A	50	**1054660000**
10-pole	WQV 4/10	41 A	20	**1052060000**
End plate / Partition plate				
dark beige	ZAP/TW 1		50	**1608740000**
dark beige				
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Cross-connection slider				
2-pole	QVS 2/4 SAKT4	32 A	20	**1319260000**
3-pole				
4-pole				
Connecting sleeve for QVS				
Mounting screw for QVS	BFSC M3X22 SAKT4		50	**1319900000**
Testing / Checking				
Socket - blue				
Socket - yellow				
Socket - green				
Socket	STB 8.5/5/2.3/M3 SAK2.5		50	**0280600000**
Socket - blue				
Socket - yellow				
Socket - green				
Test plug	PS 2.3 RT		20	**0180400000**
Standard				
Miscellaneous accessories				
Lockout device				
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**

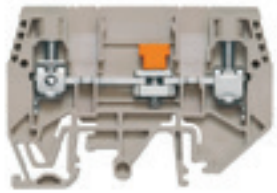
Type	current	Qty.	Order No.
WAP WTL4/2		50	**1881640000**
WEW 35/2		100	**1061200000**
WTA 8 TN		25	**1915450000**
WS 12/6 MC NE WS		600	**1609900000**

For detailed information on other accessories and application in the online catalogue

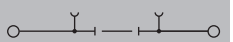
WTA 8-series test adapter, WQV external cross-connector, end bracket and shield bus LS 2.8, refer to „Accessories".

WTL 6/1 EN — 6 mm²

Longitudinal - disconnector



7.9 x 65 x 47.5
57 / 10
0.5...10



IEC	UL	CSA	EN 60079-7
630	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
	6 kV / 3		
	A5 / V-0		

CE cULus

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
1...1.6 Nm (M 3.5)
12 / 0.8 x 4.0 mm

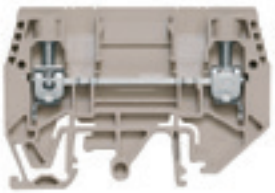
Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTL 6/1 EN	50	1934810000
WTL 6/1 EN STB	50	1934820000
TS 32 variants upon request		

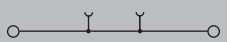
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
WAP WTL6/1 EN		20	1957710000
WTW WTL6/1 DB		20	1068400000
WEW 35/2		100	1061200000
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
STB 21.6/45 BL		50	1936290000
STB 21.6/45 GE		50	1936240000
STB 21.6/45 GN		50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1		50	1847790000
STB 36.8/IH/GE WTL6/1		50	1847760000
STB 36.8/IH/GN WTL6/1		50	1847770000
DEK 5/8 MC NE WS		800	1856740000
WS 12/8 PLUS MC NE WS		420	1906000000

WTD 6/1 EN — 6 mm²

Feed-through



7.9 x 65 x 47.5
57 / 10
0.5...10



IEC	UL	CSA	EN 60079-7
630	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
	6 kV / 3		
	A5 / V-0		

CE cULus

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 0.8 x 4.0 mm

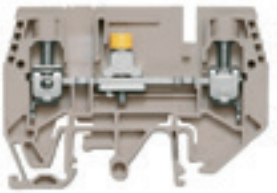
Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTD 6/1 EN	50	1934830000
TS 32 version on request		

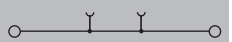
Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
WAP WTL6/1 EN		20	1957710000
WTW WTL6/1 DB		20	1068400000
WEW 35/2		100	1061200000
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
STB 21.6/45 BL		50	1936290000
STB 21.6/45 GE		50	1936240000
STB 21.6/45 GN		50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1		50	1847790000
STB 36.8/IH/GE WTL6/1		50	1847760000
STB 36.8/IH/GN WTL6/1		50	1847770000
DEK 5/8 MC NE WS		800	1856740000
WS 12/8 PLUS MC NE WS		420	1906000000

WTQ 6/1 EN — 6 mm²

Cross-connect/disconnect (isolator)



7.9 x 65 x 47.5
57 / 10
0.5...10



IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
	6 kV / 3		
	A5 / V-0		

CE cULus

Rated connection
0.5...10 / 1.5...
0.5...10 / 0.5...6
(M 3.5)
12 / 0.8 x 4.0 mm

Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

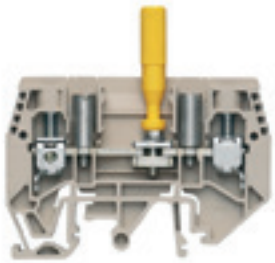
Type	Qty.	Order No.
WTQ 6/1 EN	50	1934790000
WTQ 6/1 EN STB	50	1934800000
TS 32 version on request		

Type	current	Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
WAP WTL6/1 EN		20	1957710000
WTW WTL6/1 DB		20	1068400000
WEW 35/2		100	1061200000
WKS 2/2		50	1936140000
WKS 2/3		50	1936150000
WKS 2/4		50	1936160000
VH 16/5/3.5 SAK10-35		50	0309700000
STB 21.6/45 BL		50	1936290000
STB 21.6/45 GE		50	1936240000
STB 21.6/45 GN		50	1936250000
STB 14/D6/4/M3 SAK10		500	2012420000
STB 36.8/IH/BL WTL6/1		50	1847790000
STB 36.8/IH/GE WTL6/1		50	1847760000
STB 36.8/IH/GN WTL6/1		50	1847770000
DEK 5/8 MC NE WS		800	1856740000
WS 12/8 PLUS MC NE WS		420	1906000000

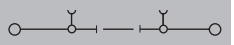
Instrument transformer wiring
Screw connection

WTL 6/1/STB/TNSC/EN — 6 mm²

Longitudinal separator



Width/Height/Depth	mm	7.9 x 65 x 66
max. current / max. cond. cross-section	A	**57 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	630			
Rated current	A	41			
for wire cross-section	mm²	6			
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A5 / V-0	
Approvals					

Clamped conductors (H05V/H07V)		Rated connection
Solid / Stranded	mm²	0.5...10 / 1.5...
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6
Tightening torque range (terminal screw)		1...1.6 Nm (M 3.5)
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm

Note	
	Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Ordering data

Version	Type	Qty.	Order No.
without socket	WTL 6/1/TNSC/EN	50	**1345280000**
with socket	WTL 6/1/STB/TNSC/EN	50	**1938820000**

Note	
	TS 32 variants upon request

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate				
dark beige	WAP WTL6/1 EN		20	**1957710000**
dark beige	WTW WTL6/1 DB		20	**1068400000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Cross-connection slider				
2-pole	WKS 2/2		50	**1936140000**
3-pole	WKS 2/3		50	**1936150000**
4-pole	WKS 2/4		50	**1936160000**
Connecting sleeve for QVS	VH 16/5/3.5 SAK10-35		50	**0309700000**
Testing / Checking				
Socket - blue	STB 21.6/45 BL		50	**1936290000**
Socket - yellow	STB 21.6/45 GE		50	**1936240000**
Socket - green	STB 21.6/45 GN		50	**1936250000**
Socket	STB 14/D6/4/M3 SAK10		500	**2012420000**
Miscellaneous accessories				
Lockout device				
Identification systems				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/8 PLUS MC NE WS		420	**1906000000**

For detailed information on other accessories and application in the online catalogue

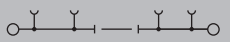
WTL 6/2 — 6 mm²

Longitudinal - disconnector

WTL 6/3 — 6 mm²

Longitudinal - disconnector

		WTL 6/2	WTL 6/3
Width/Height/Depth	mm	8 x 87 x 61	7.9 x 87 x 64
max. current / max. cond. cross-section	A	**57 / 10**	**57 / 10**
Max. clamping range	mm²	**0.5...10**	**0.5...10**



Technical data

Rated data		WTL 6/2				WTL 6/3			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300		500	300	300	
Rated current	A	41	45	45		41	45	45	
for wire cross-section	mm²	6	AWG 20...8	AWG 20...8		6	AWG 20...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0				A5 / V-0		
Approvals		CE GL UL				CE GL UL			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...10 / 1.5...10				0.5...10 / 10...10			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6				0.5...10 / 0.5...6			
Tightening torque range (terminal screw)		1...1.6 Nm (M 3.5)				0.8...1.6 Nm (M 3.5)			
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm				12 / 0.8 x 4.0 mm			
Note		Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.							

Ordering data

Version	WTL 6/2 Type	Qty.	Order No.	WTL 6/3 Type	Qty.	Order No.
without socket				WTL 6/3	50	**1018800000**
with socket	WTL 6/2	50	**1017700000**	WTL 6/3/STB	50	**1018600000**
Note	TS 32 version on request			TS 32 version on request		

Accessories

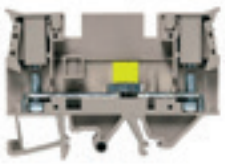
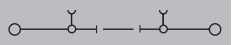
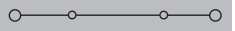
	WTL 6/2 Type	current	Qty.	Order No.	WTL 6/3 Type	current	Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 6/2	57 A	50	**1052360000**	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**	WQV 6/10	57 A	20	**1052260000**
End bracket								
dark beige	WEW 35/2		100	**1061200000**	WEW 35/2		100	**1061200000**
Cross-connection slider								
2-pole	WKS 1/2		50	**1604270000**	WKS 1/2		50	**1604270000**
3-pole	WKS 1/3		50	**1604290000**	WKS 1/3		50	**1604290000**
4-pole	WKS 1/4		50	**1604310000**	WKS 1/4		50	**1604310000**
Testing / Checking								
Test plug	PS 4 F.STB 4		20	**0299600000**	PS 4 F.STB 4		20	**0299600000**
Socket - blue					STB 21.6/IH/BL WTL6/3		50	**1071080000**
Socket - yellow					STB 21.6/IH/GE WTL6/3		50	**1071010000**
Socket - green					STB 21.6/IH/GN WTL6/3		50	**1071020000**
Socket - magenta					STB 21.6/IH/VI WTL6/3		50	**1071030000**
Miscellaneous accessories								
Lockout device	SSP WTL6/2		100	**1604200000**	SSP WTL6/2		100	**1604200000**
Identification systems								
	DEK 5/8 MC NE WS		800	**1856740000**	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/8 PLUS MC NE WS		420	**1906000000**	WS 12/8 PLUS MC NE WS		420	**1906000000**

For detailed information on other accessories and application in the online catalogue

For further modular disconnect test terminal accessories, refer to chapter on Accessories.

For further modular disconnect test terminal accessories, refer to chapter on Accessories.

Instrument transformer wiring
Screw connection

	WTL 6/4 FF	WTD 6/4 FF
	6 mm²	6 mm²
	Longitudinal separator	Feed-through terminal
		
Width/Height/Depth mm	11 x 76.5 x 52	11 x 76.5 x 52
max. current / max. cond. cross-section A	**41 / 6** 	**41 / 6** 
Max. clamping range mm²	**0.5...6**	**1.5...6**

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	
Rated current A	41	30	40	
for wire cross-section mm²	6	AWG 26...10		
Tightening torque range clamping screw / isolator Nm	1.2...2.4 / 0.5...1			
Approvals				
Note	500 V when used as test-disconnect terminal			

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	
Rated current A	41	30	40	
for wire cross-section mm²	6	AWG 26...10		
Tightening torque range clamping screw / isolator Nm	1.2...2.4			
Approvals				
Note	500 V when used as test-disconnect terminal			

Ordering data

Version	Type	Qty.	Order No.
	WTL 6/4 FF	50	**1887210000**
Note			

Version	Type	Qty.	Order No.
	WTD 6/4 FF	50	**1887220000**
Note			

Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 10/2		25	**1739680000**
End plate / Partition plate				
dark beige	WAP WTL6/4FF		20	**1887240000**
End bracket				
dark beige	EWK 1		50	**0206160000**
	EW 35/SCHA/M3		20	**0258660000**
Connecting sleeve				
	VH 13.5/4.9/3.3 SAK4		100	**0248500000**
Screwable cross-connection				
2-pole	QL 2 WTL6/4FF		100	**1897010000**
3-pole	QL 3 WTL6/4FF		100	**1897020000**
4-pole	QL 4 WTL6/4FF		100	**1897030000**
10-pole	QL 10 WTL 6/4 FF		100	**1897090000**
Cross-connection				
	Q 2 WTL6/4FF		100	**1897110000**
	Q 4 WTL 6/4FF		100	**1897130000**
	Q 10 WTL 6/4FF		100	**1897190000**
Insulating sleeve				
	DS 13.5 WTL6/4FF		100	**1897000000**
Cross-connection plug				
2-pole	QS 2/12/4	44 A	20	**0270760000**
Cable lug				
	LIR 1,5M4 V		100	**9200090000**
	LIR 2,5M4 V		100	**9200170000**
	LIR 6M4 V		100	**9200230000**
Screwdriver				
	SDIS 0.8X4.0X100		1	**9008400000**
	SDS 0.8X4.0X100		1	**9008340000**
	SDIZ 0,8X5,5 150/248		1	**9008640000**
Crimping tool				
	CTI 6		1	**9006120000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 M MC NE WS		720	**1792000000**

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 10/2		25	**1739680000**
End plate / Partition plate				
dark beige	WAP WTL6/4FF		20	**1887240000**
End bracket				
dark beige	EWK 1		50	**0206160000**
	EW 35/SCHA/M3		20	**0258660000**
Connecting sleeve				
	VH 13.5/4.9/3.3 SAK4		100	**0248500000**
Screwable cross-connection				
2-pole	QL 2 WTL6/4FF		100	**1897010000**
3-pole	QL 3 WTL6/4FF		100	**1897020000**
4-pole	QL 4 WTL6/4FF		100	**1897030000**
10-pole	QL 10 WTL 6/4 FF		100	**1897090000**
Cross-connection				
	Q 2 WTL6/4FF		100	**1897110000**
	Q 4 WTL 6/4FF		100	**1897130000**
	Q 10 WTL 6/4FF		100	**1897190000**
Insulating sleeve				
	DS 13.5 WTL6/4FF		100	**1897000000**
Cross-connection plug				
2-pole	QS 2/12/4	44 A	20	**0270760000**
Cable lug				
	LIR 1,5M4 V		100	**9200090000**
	LIR 2,5M4 V		100	**9200170000**
	LIR 6M4 V		100	**9200230000**
Screwdriver				
	SDIS 0.8X4.0X100		1	**9008400000**
	SDS 0.8X4.0X100		1	**9008340000**
	SDIZ 0,8X5,5 150/248		1	**9008640000**
Crimping tool				
	CTI 6		1	**9006120000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 M MC NE WS		720	**1792000000**

For detailed information on other accessories and application in the online catalogue

Use for all wire cross-sections with cables lugs, in accordance with DIN 46234.

WDU 2.5/TC — 2.5 mm²

Width/Height/Depth	mm	10.2 x 60 x 50
max. current / max. cond. cross-section	-	**/ 2.5**
Max. clamping range	mm²	**0.13...2.5**

Technical data

Rated data		
Rated voltage to adjoining terminal	-	
Rated current	-	
for wire cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		IEC 60584, IEC 60947-7-1
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Tightening torque range (terminal screw)		
Stripping length / Blade size	mm/-	

IEC	UL	CSA	EN 60079-7
			55
			1
2.5			2.5 mm²
		/ 3	
		A2 / V-0	
			SIRA 02ATEX3153 U

Ex e IIII
2 G D

Rated connection
0.5...2.5 / 1.5...2.5
0.5...2.5 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
(NiCr - Ni) type K	WDU 2.5/TC TYP K	50	**1024100000**
(Cu - CuNi) type T	WDU 2.5/TC TYP T	50	**1024200000**
(Fe-CuNi) type J	WDU 2.5/TC TYP J	50	**1024300000**
(Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR	WDU 2.5/TC TYP SR	50	**1024400000**
(Pt 10% Rh - Pt 6% Rh) type B	WDU 2.5/TC TYP B	50	**1033700000**
(NiCr - CuNi) type E	WDU 2.5/TC TYP E	50	**1033300000**
(NiSil - Nicrosil) type N	WDU 2.5/TC TYP N	50	**1041500000**

Note

Accessories

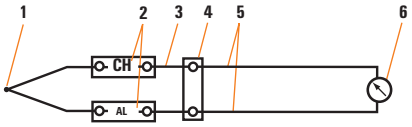
End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Configuration of a temperature measuring circuit



1 Thermocouple (sensor)
2 Thermocouple terminals
3 Compensating conductor
4 Reference junction
5 Supply and return conductors
6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor.
Thermocouple terminals are required for constructing a temperature measuring circuit.

Technical data

Thermocouples to IEC 584 (DIN 43 710)

	Current bar
	Cromel Alumel
	E-grade copper Constantan
	Iron Constantan
	E-grade copper/ A-grade copper
	S-grade copper/ E-grade copper
	Cromel- Constantan

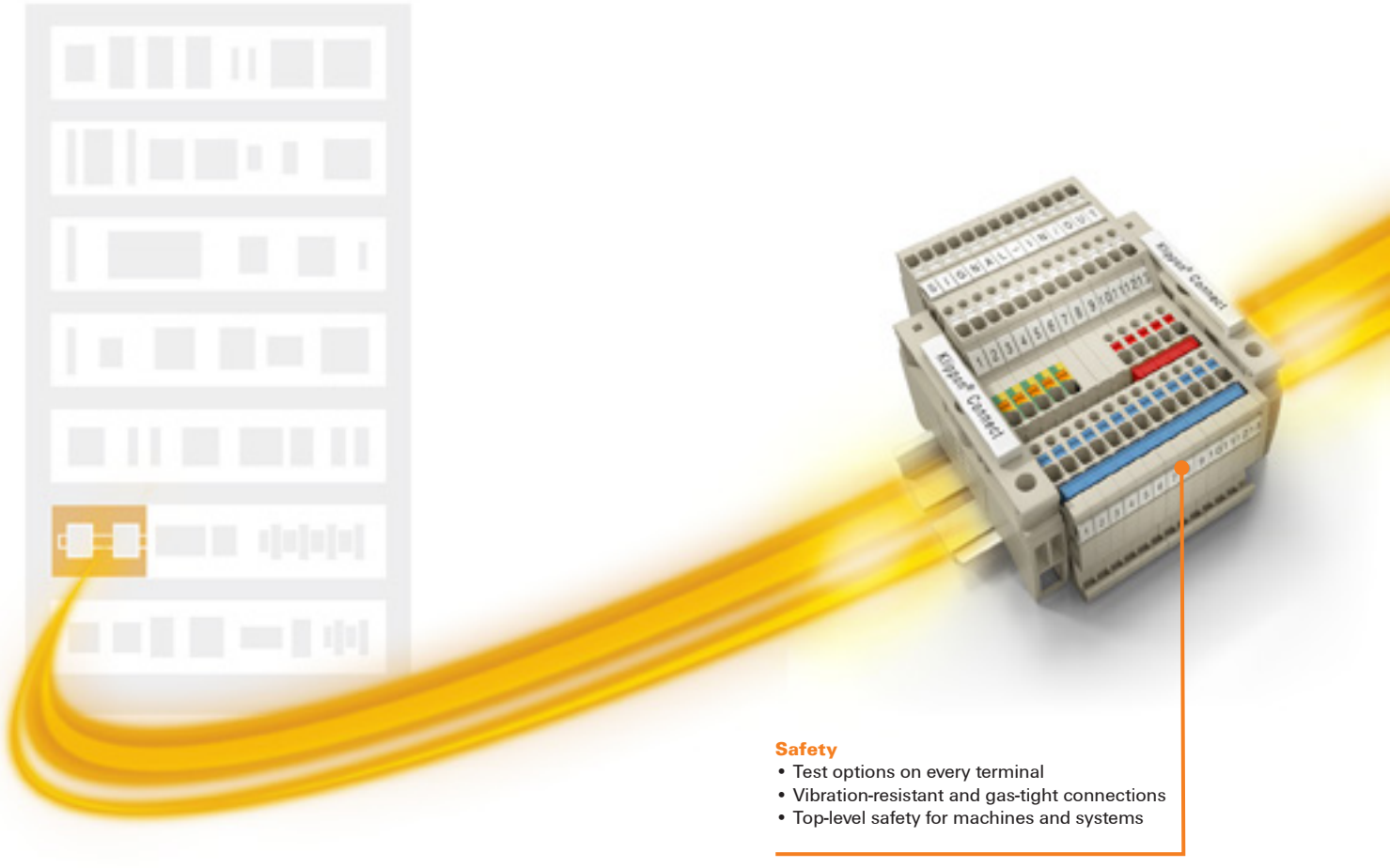
Clear wiring for high-density signalling levels

With Klippon® Connect in the smallest spaces

With the current levels of automation, there are more and more sensors monitoring the production process. This increases the number of signals to be combined and structured. Given the restricted space in the panel, this can become a real challenge. Our application-specific initiator/actuator terminal blocks (AIO) are specially designed for the signal wiring requirements posed by automation now and into the future. You can benefit from tailored, really compact solutions for the structured wiring of initiator and actuator signals with the input and output modules of a programmable logic controller (PLC).

Our promise

With tailored application products, Klippon® Connect offers all the benefits required for structured wiring of initiator and actuator signals. The simple handling and the maximum flexibility in the choice of design meets the requirements for reliable signal wiring simply, efficiently and safely.

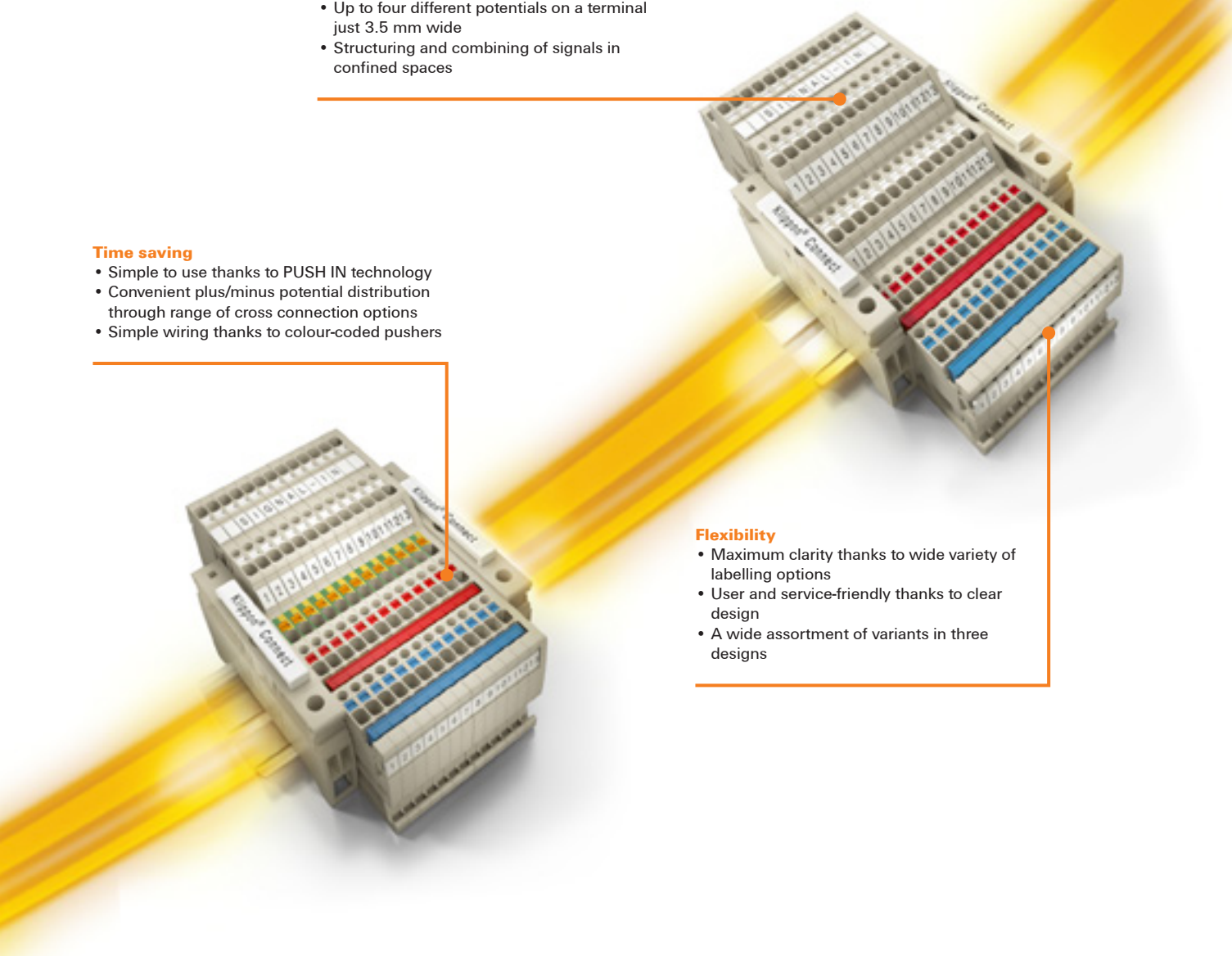


Safety

- Test options on every terminal
- Vibration-resistant and gas-tight connections
- Top-level safety for machines and systems

Space saving
- Up to four different potentials on a terminal just 3.5 mm wide
- Structuring and combining of signals in confined spaces

Time saving
- Simple to use thanks to PUSH IN technology
- Convenient plus/minus potential distribution through range of cross connection options
- Simple wiring thanks to colour-coded pushers

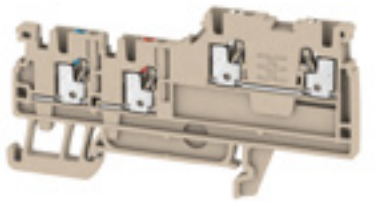


Flexibility
- Maximum clarity thanks to wide variety of labelling options
- User and service-friendly thanks to clear design
- A wide assortment of variants in three designs

Our range

Extreme flexibility in potential distribution:
With our application products, you can achieve effective and safe potential distribution while looping the signals to the I/O system. You can benefit from increased wiring density with more potentials on a single terminal block. This not only saves space, but also reduces the time required to assemble the terminal block.

Free choice of design:
Our application products for signal wiring (AIO) are available in three designs. Depending on the design, you can connect 3- or 4-wire sensors or actuators. The large number of variants, e.g. with built-in PE function, allows maximum flexibility when it comes to designing the signal feed.

	AIO21 1.5 SI	AIO21 1.5 SO
	1.5 mm²	1.5 mm²
		
Width/Height/Depth mm	3.5 x 80 x 42	3.5 x 80 x 42
max. current / max. cond. cross-section A/mm²	13.5 / 1.5	13.5 / 1.5
Max. clamping range mm²	0.14...1.5	0.14...1.5

Technical data

Rated data		In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	250				250			
Rated current	A	13.5				13.5			
for wire cross-section	mm²	1.5				1.5			
Rated impulse withstand voltage / Pollution severity				4 kV / 3				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A1 / V-0				A1 / V-0	
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.4 x 2.0 mm				8 / 0.4 x 2.0 mm			
Note		Approval in progress				Approval in progress			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	AIO21 1.5 SI	100	1992260000	AIO21 1.5 SO	100	1992240000
Note						

Accessories

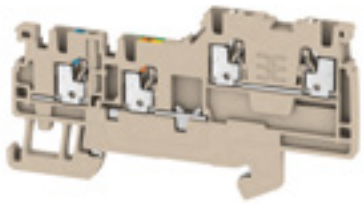
Pluggable cross-connection	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	1985650000				
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	1985800000				
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	1985530000	ZQV 1.5N/2 BL	17.5 A	60	1985530000
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	1985680000	ZQV 1.5N/10 BL	17.5 A	20	1985680000
End plate								
	AEP IO21		50	1993580000	AEP IO21		50	1993580000
End bracket								
dark beige	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Test adapter								
1-pole	ATPG 1.5-10 L		50	1991890000	ATPG 1.5-10 L		50	1991890000
stackable	ATPG 1.5 MI-R		50	1991880000	ATPG 1.5 MI-R		50	1991880000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDS 0.4X2.0X60		1	9037160000	SDS 0.4X2.0X60		1	9037160000
Identification systems								
	DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS		1000	2007100000
	WS 8/3.5 MM WS		1000	2007140000	WS 8/3.5 MM WS		1000	2007140000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000	DEK 5/3.5 PLUS MC NE WS		1600	2003750000
	WS 10/3.5 PLUS MC NE WS		960	2003760000	WS 10/3.5 PLUS MC NE WS		960	2003760000

For detailed information on other accessories and application in the online catalogue

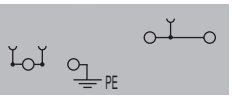
All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

AIO21 1.5 SO-PE — 1.5 mm²



3.5 x 80 x 42
13.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
13.5			
1.5			
	4 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

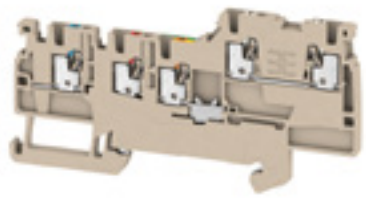
Approval in progress

Type	Qty.	Order No.
AIO21 1.5 SO-PE	100	**1992250000**

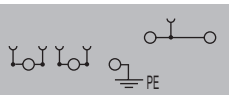
Type	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
AEP IO21		50	**1993580000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 1.5 MI-R		50	**1991880000**
PS 2.0 MC		20	**0310000000**
SDS 0.4X2.0X60		1	**9037160000**
DEK 5/3.5 MM WS		1000	**2007100000**
WS 8/3.5 MM WS		1000	**2007140000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**

All MultiMark variants (MM) = strip markers

AIO22 1.5 SI-PE — 1.5 mm²



3.5 x 89 x 45
13.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
13.5			
1.5			
	4 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

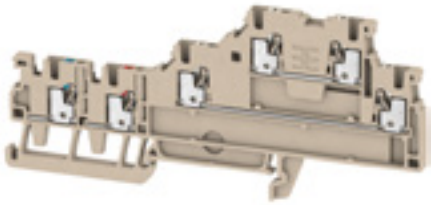
Approval in progress

Type	Qty.	Order No.
AIO22 1.5 SI-PE	100	**1992230000**

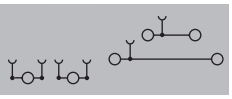
Type	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
AEP IO22		50	**1993590000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 1.5 MI-R		50	**1991880000**
PS 2.0 MC		20	**0310000000**
SDS 0.4X2.0X60		1	**9037160000**
DEK 5/3.5 MM WS		1000	**2007100000**
WS 8/3.5 MM WS		1000	**2007140000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**

All MultiMark variants (MM) = strip markers

AIO23 1.5 2SI — 1.5 mm²



3.5 x 110 x 49.5
13.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
13.5			
1.5			
	4 kV / 3		
	A1 / V-0		

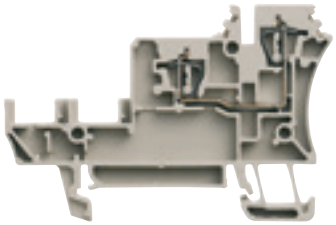
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

Approval in progress

Type	Qty.	Order No.
AIO23 1.5 2SI	100	**1992220000**

Type	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
AEP IO23		50	**1993600000**
AEB 35 SC/1		50	**1991920000**
ZEW 35		20	**9540000000**
ATPG 1.5-10 L		50	**1991890000**
ATPG 1.5 MI-R		50	**1991880000**
PS 2.0 MC		20	**0310000000**
SDS 0.4X2.0X60		1	**9037160000**
DEK 5/3.5 MM WS		1000	**2007100000**
WS 8/3.5 MM WS		1000	**2007140000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**

All MultiMark variants (MM) = strip markers

	ZPV 1.5	1.5 mm²	ZIA 1.5/3 L...	1.5 mm²
	Base element		Base element 3-wire	
				
Width/Height/Depth mm	5.1 x 67.8 x 38.35		5.08 x 68.5 x 45.5	
max. current / max. cond. cross-section -/-			/ 2.5	
Max. clamping range -			0.13...2.5	

Technical data

	ZPV 1.5				ZIA 1.5/3 L...			
Rated data	IEC 60947-7-1				In accordance with IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	250	300			250	300	300	
Max. voltage of clamp support & pluggable system -								
Rated current A	17.5	10			17.5	10	10	
for wire cross-section mm²	1.5	AWG 26...14	AWG 26...14		1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity		4 kV / 3				4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0				A1 / V-0		
Approvals								
Clamped conductors (H05V/H07V)								
Solid / Stranded -					0.5...2.5			
Flexible / Flexible with ferrule -					0.5...2.5 / 0.5...1.5			
Stripping length / Blade size -/-					7 / 0.6 x 3.5 mm			
Note					Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)			

Ordering data

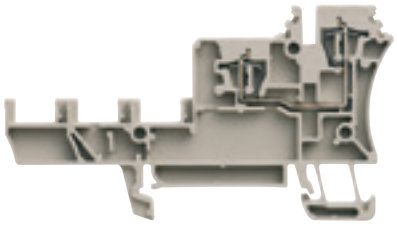
Version	ZPV 1.5 Type	Qty.	Order No.	ZIA 1.5/3 L... Type	Qty.	Order No.
Base terminal	ZPV 1.5	100	1676630000	ZIA 1.5/3L-1S	100	1651980000
Base terminal with LED				ZIA 1.5/3L-1S/LD-RT	50	1651990000
PE base terminal				ZIA 1.5/3L-PE	20	1652000000
Note	ZVL 1.5 0.QV = distribution strip without internal bridge for park position.			ZVL 1.5 0.QV = distribution strip without internal bridge for park position.		

Accessories

	ZPV 1.5 Type	current	Qty.	Order No.	ZIA 1.5/3 L... Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole					ZQV 2.5/2		60	1608860000
3-pole					ZQV 2.5/3	24 A	60	1608870000
4-pole					ZQV 2.5/4	24 A	60	1608880000
10-pole					ZQV 2.5/10	24 A	20	1608940000
50-pole					ZQV 2.5/50	24 A	10	1697540000
Reducing sleeves								
For conductors < 0.5 mm² / AWG 20					ZRH 1.5N/1		1000	1632140000
For conductors < 1.0 mm² / AWG 18					ZRH 1.5N/2		1000	1632130000
End plate / Partition plate								
dark beige	ZAP/TW ZPV1.5		50	1674650000	ZAP/TW ZIA1.5/3L		50	1649540000
With assembly peg								
Without peg								
Screwdriver						current		
Standard	SDIS SL 0.6X3.5X100		1	1274660000	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000				
For detailed information on other accessories and application in the online catalogue	For holding the ZVL 1.5 distribution strip							

ZIA 1.5/4 L... — 1.5 mm²

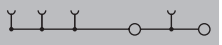
Base element 4-wire



ZVL 1.5 — 1.5 mm²

Distribution strip

Width/Height/Depth	mm	5.08 x 81.5 x 45.5	5.08 x 12.9 x 17.45
max. current / max. cond. cross-section	-/mm²	/ 2.5	/ 2.5
Max. clamping range	mm²	0.13...2.5	0.13...2.5



Technical data

Rated data		ZIA 1.5/4 L...	ZVL 1.5
Rated voltage	V	In accordance with IEC 60947-7-1	IEC 60947-7-1
Max. voltage of clamp support & pluggable system	-		
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Stripping length / Blade size	mm/-		

	IEC	UL	CSA	EN 60079-7
ZIA 1.5/4 L...	250	300	300	
	17.5	10	10	
	1.5	AWG 26...14	AWG 26...14	
		4 kV / 3		
		A1 / V-0		
	CE SP UL			
Rated connection				
	0.5...2.5			
	0.5...2.5 / 0.5...1.5			
	7 / 0.6 x 3.5 mm			
ZVL 1.5	250	300	300	
	17.5	10	10	
	1.5	AWG 26...14	AWG 26...14	
		4 kV / 3		
		A2 / V-0		
	CE SP UL			
Rated connection				
	0.5...2.5			
	0.5...2.5 / 0.5...1.5			
	7 / 0.6 x 3.5 mm			

Note	ZIA 1.5/4 L...	ZVL 1.5
	Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)	

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid			
dark beige Wemid			
blue Wemid			
brown Wemid			
green/yellow Wemid			
Base terminal	ZIA 1.5/4L-1S	100	1652010000
Base terminal with LED	ZIA 1.5/4L-1S/LD	50	1652020000
PE base terminal	ZIA 1.5/4L-PE	20	1652030000

Note	ZIA 1.5/4 L...	ZVL 1.5
	ZVL 1.5 0.QV = distribution strip without internal bridge for park position.	ZVL 1.5 0.QV = distribution strip without internal bridge for park position.

Version	Type	Qty.	Order No.
	ZVL 1.5	100	1649300000
	ZVL 1.5 0.QV	100	1711930000
	ZVL 1.5 BL	100	1650360000
	ZVL 1.5 BR	100	1650370000
	ZVL 1.5/PE GN/GE BED	100	1651970000

Accessories

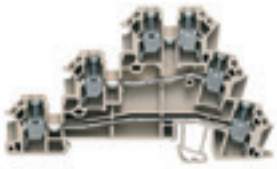
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
50-pole	ZQV 2.5/50	24 A	10	1697540000
Reducing sleeves				
For conductors < 1.0 mm² / AWG 18	ZRH 1.5N/2		1000	1632130000
For conductors < 0.5 mm² / AWG 20	ZRH 1.5N/1		1000	1632140000
End plate / Partition plate				
dark beige	ZAP/TW ZIA1.5/4L		50	1649550000
Without peg				
With assembly peg				
Screwdriver		current		
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044

Pluggable cross-connection	Type	current	Qty.	Order No.
	ZRH 1.5N/2		1000	1632130000
	ZRH 1.5N/1		1000	1632140000
	BZT ZVL1.5/0.ZA		100	1676620000
	BZT ZVL1.5		100	1676610000
	SDIS SL 0.6X3.5X100	current	1	1274660000
	DEK 5/5 MC NE WS		1000	1609801044

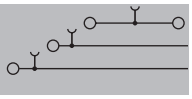
For detailed information on other accessories and application in the online catalogue		Integrated cross-connectors. Distribution strip for base element ZPV 1.5 Order no. 1676630000

DLD 2.5 — 2.5 mm²

Voltage supply



Width/Height/Depth	6.2 x 82.5 x 48.5 mm
max. current / max. cond. cross-section	24 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	250	300	300	
Rated current (A)	24	10	10	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE SP BL UL			
Electronic fixtures				
Component voltage / Component current (-/-)				
Operating voltage for display, max. / Current (-/-)				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...4 / 0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	Tightening torque range (terminal screw)0.4...0.6 Nm (M 2.5)
Stripping length / Blade size (mm/-)	7 / 0.6 x 3.5 mm

Note

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	DLD 2.5 DB	50	1784180000
dark beige Wemid (red LED)			
dark beige Wemid (green LED)			

Note

Variant in blue, Order no. 6269250000 (qty. 50)

Accessories

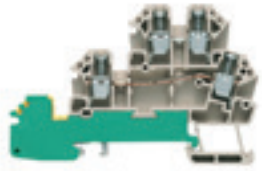
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 DLI	20 A	50	1312500000
3-pole	Q 3 DLI	20 A	50	1312600000
4-pole	Q 4 DLI	20 A	50	1312700000
10-pole	Q 10 DLI	20 A	20	1313100000
End plate / Partition plate				
dark beige	AP DLI2.5 DB		20	1783550000
End bracket				
dark beige	EW 35		50	0383560000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Small partition				
Small partition	TSCH 1		100	0319160000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000

For detailed information on other accessories and application in the online catalogue

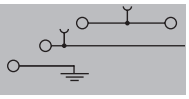
TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)

DLD 2.5 PE — 2.5 mm²

Lower level earthed



Width/Height/Depth	6.1 x 74.5 x 48.5 mm
max. current / max. cond. cross-section	17.5 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	250	300		
Rated current (A)	17.5	10	10	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE SP BL UL			
Electronic fixtures				
Component voltage / Component current (-/-)				
Operating voltage for display, max. / Current (-/-)				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...4 / 0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	Tightening torque range (terminal screw)0.4...0.6 Nm (M 2.5)
Stripping length / Blade size (mm/-)	7 / 0.6 x 3.5 mm

Note

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	DLD 2.5/PE DB	50	1783790000
dark beige Wemid (red LED)			
dark beige Wemid (green LED)			

Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 DLI	20 A	50	1312500000
3-pole	Q 3 DLI	20 A	50	1312600000
4-pole	Q 4 DLI	20 A	50	1312700000
10-pole	Q 10 DLI	20 A	20	1313100000
End plate / Partition plate				
dark beige	AP DLI2.5 DB		20	1783550000
End bracket				
dark beige	EW 35		50	0383560000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Small partition				
Small partition	TSCH 1		100	0319160000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000

TEAP DLD2.5/PE DB partial end plate, Order no. 1783810000 (20 pcs.)

DLI 2.5 — 2.5 mm²

Initiator connection (signal,+,-)

6.1 x 66 x 48.5
32 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

CE cULus

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped.

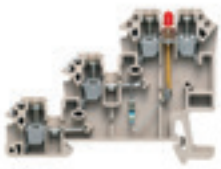
Type	Qty.	Order No.
DLI 2.5 DB	100	1783820000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
AP DLI2.5 DB		20	1783550000
EW 35		50	0383560000
SDS 0.6X3.5X100		10	9008330000
TSCH 1		100	0319160000
DEK 5/6 MC NE WS		1000	1609820000

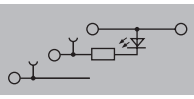
StB 8.5 socket in upper busbar (together with PS 2.3 test plug)

DLI 2.5 LD PNP — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
	0.8 kV / 3		
	A3 / V-0		

cULus

30 / 5

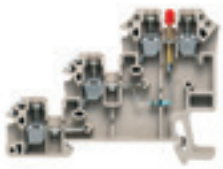
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	100	1783980000
DLI 2.5/LD-GN/PNP +- DB	100	1783970000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
AP DLI2.5 DB		20	1783550000
EW 35		50	0383560000
SDS 0.6X3.5X100		10	9008330000
TSCH 1		100	0319160000
DEK 5/6 MC NE WS		1000	1609820000

DLI 2.5 LD NPN — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
	0.8 kV / 3		
	A3 / V-0		

cULus

30 / 5

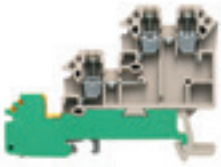
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/NPN -+ DB	100	1783950000
DLI 2.5/LD-GN/NPN -+ DB	100	1783940000

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
AP DLI2.5 DB		20	1783550000
EW 35		50	0383560000
SDS 0.6X3.5X100		10	9008330000
TSCH 1		100	0319160000
DEK 5/6 MC NE WS		1000	1609820000

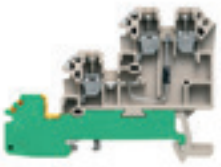
DLA 2.5 — 2.5 mm²

Actuator connection (signal,-,PE)

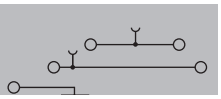


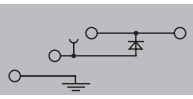
DLA 2.5/D — 2.5 mm²

Actuator connection (circuit with diode)



		DLA 2.5	DLA 2.5/D
Width/Height/Depth	mm	6.1 x 65 x 48.5	6.1 x 66 x 48.5
max. current / max. cond. cross-section	A/mm²	**26 / 4**	**17.5 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**





Technical data

		DLA 2.5	DLA 2.5/D
Rated data			
Rated voltage	V	IEC 60947-7-1 (-7-2)	IEC 60947-7-1 (-7-2)
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Electronic fixtures			
Component voltage / Component current	-/-		
Operating voltage for display, max. / Current	-/-		1000 / 1
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Tightening torque range (terminal screw)			
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Note

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	DLA 2.5 DB	100	**1783560000**
dark beige Wemid (red LED)	DLA 2.5/D DB	100	**1783590000**

Note

Accessories

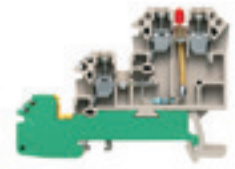
	Type	current	Qty.	Order No.
Screwable cross-connection				
2-pole	Q 2 DLI	20 A	50	**1312500000**
3-pole	Q 3 DLI	20 A	50	**1312600000**
4-pole	Q 4 DLI	20 A	50	**1312700000**
10-pole	Q 10 DLI	20 A	20	**1313100000**
End plate / Partition plate				
dark beige	AP DLI2.5 DB		20	**1783550000**
End bracket				
dark beige	EW 35		50	**0383560000**
Screwdriver				
Standard	SDS 0.6X3.5X100		10	**9008330000**
Small partition				
Small partition	TSCH 1		100	**0319160000**
Identification systems				
	DEK 5/6 MC NE WS		1000	**1609820000**

For detailed information on other accessories and application in the online catalogue

DLA 2.5/LD

2.5 mm²

Actuator connection with LED



6.1 x 66 x 48.5
17.5 / 4
0.13...4

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
30		30	
17.5		10	
2.5	AWG 26...12	AWG 26...12	
	0.8 kV / 3		
	A3 / V-0		

30 / 5
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLA 2.5/LD-RT DB	100	**1783600000**

Type	current	Qty.	Order No.
Q 2 DLI	20 A	50	**1312500000**
Q 3 DLI	20 A	50	**1312600000**
Q 4 DLI	20 A	50	**1312700000**
Q 10 DLI	20 A	20	**1313100000**
AP DLI2.5 DB		20	**1783550000**
EW 35		50	**0383560000**
SDS 0.6X3.5X100		10	**9008330000**
TSCH 1		100	**0319160000**
DEK 5/6 MC NE WS		1000	**1609820000**

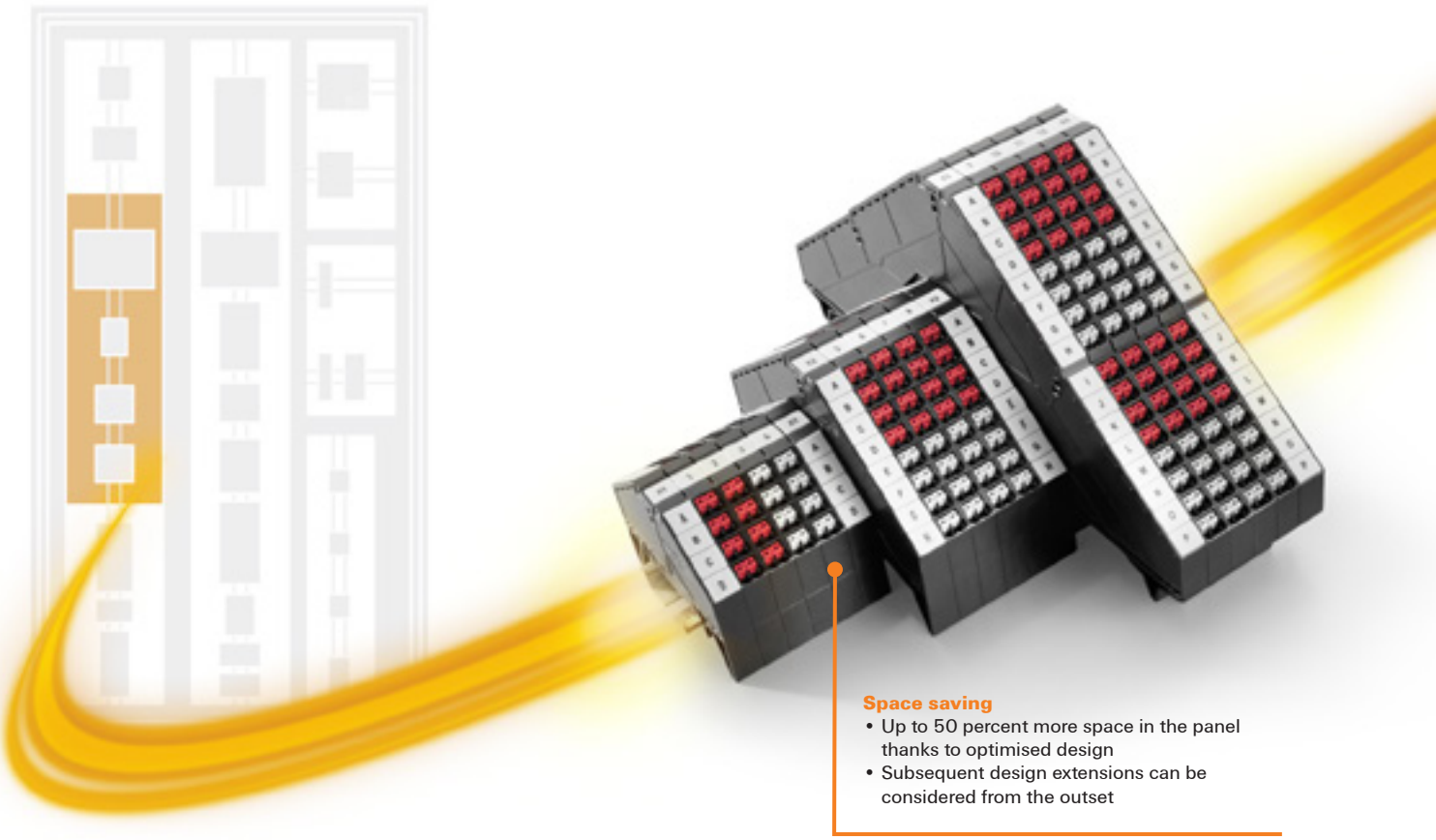
Space-saving connection of process control systems

Efficient marshalling and distribution with Klippon® Connect signals

Increasingly complex requirements for automation processes and increasing demands in terms of monitoring and recording operational data have led to an ever-increasing number of sensors in the field for process technology. This means that space- and time-saving wiring of signals in DCS marshalling panels in the process and energy generation industries is becoming increasingly demanding. Our terminal blocks for DCS marshalling enable extremely compact yet clear panel design. The additional signals for automation can be easily connected and processed.

Our promise

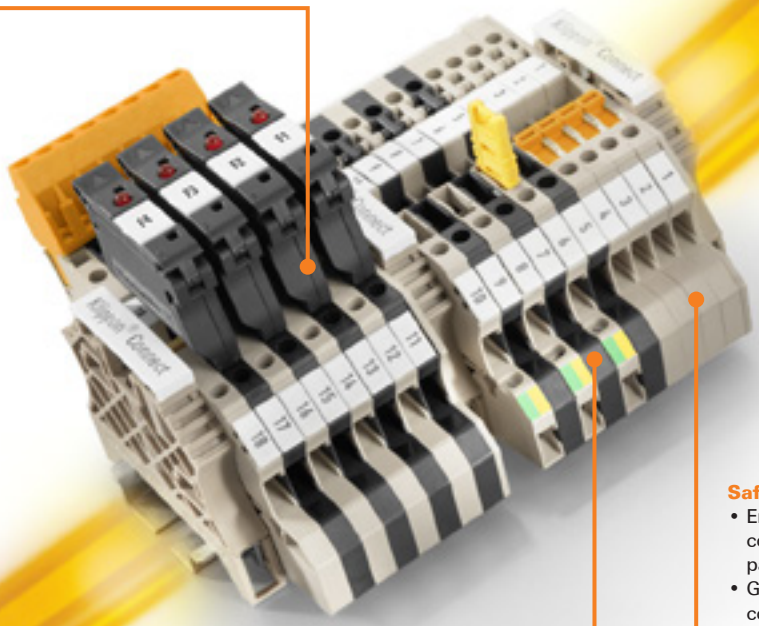
With our terminal blocks for DCS marshalling, you have maximum flexibility from the planning phase: potential later extensions can be planned in from the start. This means that Klippon® Connect saves you time and money and considerably improves productivity.



Space saving

- Up to 50 percent more space in the panel thanks to optimised design
- Subsequent design extensions can be considered from the outset

Time saving
- Use of pre-assembled cable sets with pluggable BLZ connectors saves valuable wiring time
- Quick and convenient fuse changes thanks to fuse holder with pivoting fuse lever



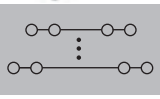
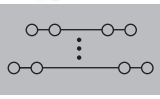
Safety
- Error-free assignment of signals, based on a colour-coded matrix structure and printed partition plates
- Guarantees vibration-resistant and gas-tight connections
- Protection from electromagnetic influences
- Consistently low contact resistance thanks to innovative V-shaped current bars

Flexibility
- All the important terminal block functions in a single design
- More flexibility in potential distribution thanks to three cross-connection channels
- Setup of an additional shield potential next to the neutral conductor is possible with ZQV standard cross connections

Our range

Unique design for plenty of space:
Our PUSH IN terminal blocks for DCS marshalling (PRV) with up to 16 connection levels are specially designed to meet the requirements for wiring initiator and actuator signals in process control engineering. The optimised design guarantees a space saving of up to 50 percent in the panel. And the unique V-shape of the current bars ensures consistently low contact resistances.

One solution for all requirements:
The WMF-Series of screw connection terminals is a multi-functional solution for the marshalling and distribution of signals. Feed-through, fuse and disconnector function plus an additional shield connection are included in one design.

	PRV 4 RT	1.5 mm²	PRV 4 WS	1.5 mm²
Width/Height/Depth mm	9.2 x 70 x 54.5		9.2 x 70 x 54.5	
max. current / max. cond. cross-section A/mm²	**13 / 1.5**		**13 / 1.5**	
Max. clamping range mm²	**0.13...1.5**		**0.13...1.5**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
					IEC 60947-7-1, DIN EN 60079			
Rated voltage V	250	300	300		250	300	300	
Rated current A	10	10	10		10	10	10	
for wire cross-section mm²	1.5		AWG 26...16		1.5		AWG 26...16	
Rated impulse withstand voltage / Pollution severity			4 kV / 3				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0				/ V-0	
Approvals								
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule -								
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

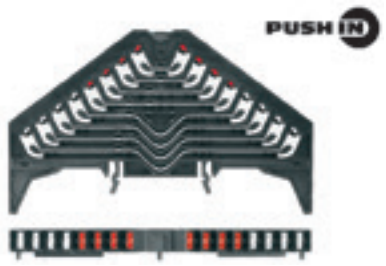
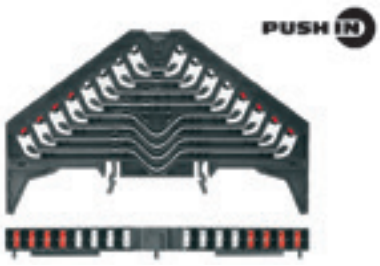
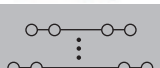
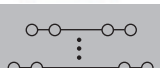
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
black for TS 35x15	PRV 4 SW 35X15 RT	20	**1173810000**	PRV 4 SW 35X15 WS	20	**1173820000**
blue for TS 35x15	PRV 4 BL 35X15 RT	20	**1267890000**	PRV 4 BL 35X15 WS	20	**1173920000**
black for TS 35x7.5	PRV 4 SW 35X7.5 RT	20	**1173830000**	PRV 4 SW 35X7.5 WS	20	**1173840000**
blue for TS 35x7.5	PRV 4 BL 35X7.5 RT	20	**1267900000**	PRV 4 BL 35X7.5 WS	20	**1173930000**
Note	RT = red actuators			WS = white actuators		

Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
End plate								
black	PAP PRV/PPV4 SW		10	**1173750000**	PAP PRV/PPV4 SW		10	**1173750000**
blue	PAP PRV/PPV4 BL		10	**1268010000**	PAP PRV/PPV4 BL		10	**1268010000**
grey	PAP PRV/PPV4 GR		10	**1211450000**	PAP PRV/PPV4 GR		10	**1211450000**
Marker holder								
black for TS 35 x 15	BZT PRV4 SW 35X15		20	**1173590000**	BZT PRV4 SW 35X15		20	**1173590000**
blue for TS 35 x 15	BZT PRV4 BL 35X15		20	**1267980000**	BZT PRV4 BL 35X15		20	**1267980000**
black for TS 35 x 7.5	BZT PRV4 SW 35X7.5		20	**1173600000**	BZT PRV4 SW 35X7.5		20	**1173600000**
blue for TS 35 x 7.5	BZT PRV4 BL 35X7.5		20	**1267990000**	BZT PRV4 BL 35X7.5		20	**1267990000**
Partition plate								
Unprinted	TW PRV4		10	**1173700000**	TW PRV4		10	**1173700000**
Printed 0...3 or 0...7 or 0...15	TW PRV4 0-3		10	**1230060000**	TW PRV4 0-3		10	**1230060000**
Printed 1...4 or 1...8 or 1...16	TW PRV4 1-4		10	**1230050000**	TW PRV4 1-4		10	**1230050000**
Printed A...D or A...H or A...P	TW PRV4 A-D		10	**1230070000**	TW PRV4 A-D		10	**1230070000**
End bracket								
black	ZEW 35/2 SW		20	**1162610000**	ZEW 35/2 SW		20	**1162610000**
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Pluggable cross-connection								
2-pole	SRC-I QV P		10	**8870840000**	SRC-I QV P		10	**8870840000**
Identification systems								
	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

For detailed information on other accessories and application in the online catalogue

	PRV 8 RT/WS	1.5 mm²	PRV 8 WS/RT	1.5 mm²
				
Width/Height/Depth mm	9.2 x 120 x 73		9.2 x 120 x 73	
max. current / max. cond. cross-section A/mm²	**10 / 1.5**		**10 / 1.5**	
Max. clamping range mm²	**0.13...1.5**		**0.13...1.5**	

Technical data

Rated data						
		IEC	UL	CSA	EN 60079-7	
Rated voltage	V	250	300	300		
Rated current	A	8	10	10		
for wire cross-section	mm²	1.5		AWG 26...16		
Rated impulse withstand voltage / Pollution severity				4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating				/ V-0		
Approvals						
Clamped conductors (H05V/H07V)						
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5				
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5				
Twin wire-end ferrule	-					
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				
Note						

Rated data						
		IEC 60947-7-1				
		IEC	UL	CSA	EN 60079-7	
Rated voltage	V	250	300	300		
Rated current	A	8	10	10		
for wire cross-section	mm²	1.5		AWG 26...16		
Rated impulse withstand voltage / Pollution severity				4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating				/ V-0		
Approvals						
Clamped conductors (H05V/H07V)						
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5				
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5				
Twin wire-end ferrule	-					
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				
Note						

Ordering data

Version	Type	Qty.	Order No.
black for TS 35x15	PRV 8 SW 35X15 RT/WS	20	**1173740000**
blue for TS 35x15	PRV 8 BL 35X15 RT/WS	20	**1267830000**
black for TS 35x7.5	PRV 8 SW 35X7.5 RT/WS	20	**1173790000**
blue for TS 35x7.5	PRV 8 BL 35X7.5 RT/WS	20	**1267840000**
Note	RT = red actuators WS = white actuators		

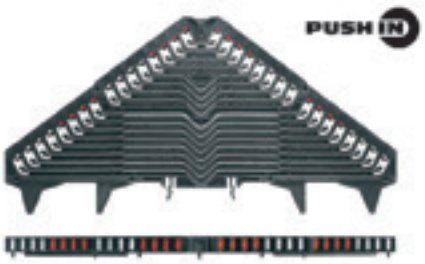
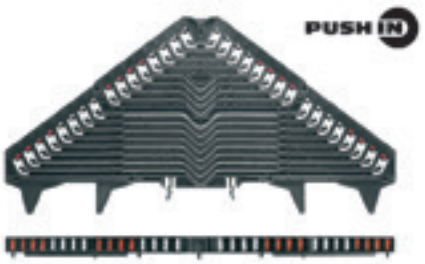
Version	Type	Qty.	Order No.
black for TS 35x15	PRV 8 SW 35X15 WS/RT	20	**1173780000**
blue for TS 35x15	PRV 8 BL 35X15 WS/RT	20	**1173900000**
black for TS 35x7.5	PRV 8 SW 35X7.5 WS/RT	20	**1173800000**
blue for TS 35x7.5	PRV 8 BL 35X7.5 WS/RT	20	**1173910000**
Note	RT = red actuators WS = white actuators		

Accessories

	Type	current	Qty.	Order No.
End plate				
black	PAP PRV/PPV8 SW		10	**1173720000**
blue	PAP PRV/PPV8 BL		10	**1268000000**
grey	PAP PRV/PPV8 GR		10	**1211460000**
Marker holder				
black for TS 35 x 15	BZT PRV8 SW 35X15		20	**1173570000**
blue for TS 35 x 15	BZT PRV8 BL 35X15		20	**1267950000**
black for TS 35 x 7.5	BZT PRV8 SW 35X7.5		20	**1173580000**
blue for TS 35 x 7.5	BZT PRV8 BL 35X7.5		20	**1267970000**
Partition plate				
Unprinted	TW PRV8		10	**1173670000**
Printed 0...3 or 0...7 or 0...15	TW PRV8 0-7		10	**1230090000**
Printed 1...4 or 1...8 or 1...16	TW PRV8 1-8		10	**1230080000**
Printed A...D or A...H or A...P	TW PRV8 A-H		10	**1230110000**
End bracket				
black	ZEW 35/2 SW		20	**1162610000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Pluggable cross-connection				
2-pole	SRC-I QV P		10	**8870840000**
Identification systems				
	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

	Type	current	Qty.	Order No.
End plate				
black	PAP PRV/PPV8 SW		10	**1173720000**
blue	PAP PRV/PPV8 BL		10	**1268000000**
grey	PAP PRV/PPV8 GR		10	**1211460000**
Marker holder				
black for TS 35 x 15	BZT PRV8 SW 35X15		20	**1173570000**
blue for TS 35 x 15	BZT PRV8 BL 35X15		20	**1267950000**
black for TS 35 x 7.5	BZT PRV8 SW 35X7.5		20	**1173580000**
blue for TS 35 x 7.5	BZT PRV8 BL 35X7.5		20	**1267970000**
Partition plate				
Unprinted	TW PRV8		10	**1173670000**
Printed 0...3 or 0...7 or 0...15	TW PRV8 0-7		10	**1230090000**
Printed 1...4 or 1...8 or 1...16	TW PRV8 1-8		10	**1230080000**
Printed A...D or A...H or A...P	TW PRV8 A-H		10	**1230110000**
End bracket				
black	ZEW 35/2 SW		20	**1162610000**
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**
Pluggable cross-connection				
2-pole	SRC-I QV P		10	**8870840000**
Identification systems				
	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

For detailed information on other accessories and application in the online catalogue

	PRV 16 RT/WS	1.5 mm²	PRV 16 WS/RT	1.5 mm²
				
Width/Height/Depth mm	9.2 x 225 x 113.5		9.2 x 225 x 113.5	
max. current / max. cond. cross-section A/mm²	**11 / 1.5**		**11 / 1.5**	
Max. clamping range mm²	**0.13...1.5**		**0.13...1.5**	

Technical data

Rated data						
Rated voltage V	IEC 60947-7-1, DIN EN 60079				IEC 60947-7-1, DIN EN 60079	
Rated current A	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	250	300	300		250	300	300	
Rated impulse withstand voltage / Pollution severity	6	1	1		6	1	1	
Gauge to IEC 60947-1 / UL 94 flammability rating	1.5		AWG 26...16		1.5		AWG 26...16	
Approvals			4 kV / 3				4 kV / 3	
			/ V-0				/ V-0	
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule -								
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

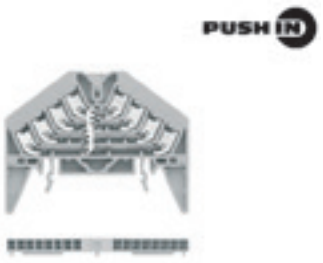
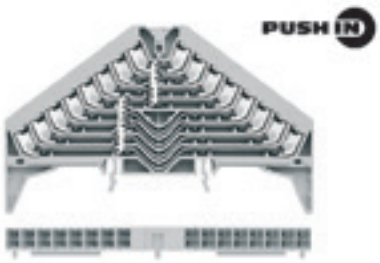
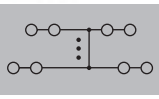
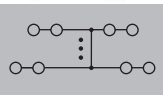
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
black for TS 35x15	PRV 16 SW 35X15 RT/WS	20	**1173620000**	PRV 16 SW 35X15 WS/RT	20	**1173650000**
blue for TS 35x15	PRV 16 BL 35X15 RT/WS	20	**1267790000**	PRV 16 BL 35X15 WS/RT	20	**1267800000**
black for TS 35x7.5	PRV 16 SW 35X7.5 RT/WS	20	**1173680000**	PRV 16 SW 35X7.5 WS/RT	20	**1173710000**
blue for TS 35x7.5	PRV 16 BL 35X7.5 RT/WS	20	**1267810000**	PRV 16 BL 35X7.5 WS/RT	20	**1267820000**
Note	RT = red actuators WS = white actuators			RT = red actuators WS = white actuators		

Accessories

End plate	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
black								
blue								
grey								
Marker holder								
black for TS 35 x 15	BZT PRV16 SW 35X15		20	**1173540000**	BZT PRV16 SW 35X15		20	**1173540000**
blue for TS 35 x 15	BZT PRV16 BL 35X15		20	**1267930000**	BZT PRV16 BL 35X15		20	**1267930000**
black for TS 35 x 7.5	BZT PRV16 SW 35X7.5		20	**1173550000**	BZT PRV16 SW 35X7.5		20	**1173550000**
blue for TS 35 x 7.5	BZT PRV16 BL 35X7.5		20	**1267940000**	BZT PRV16 BL 35X7.5		20	**1267940000**
Partition plate								
Unprinted	TW PRV16		10	**1173630000**	TW PRV16		10	**1173630000**
Printed 0...3 or 0...7 or 0...15	TW PRV16 0-15		10	**1230130000**	TW PRV16 0-15		10	**1230130000**
Printed 1...4 or 1...8 or 1...16	TW PRV16 1-16		10	**1230120000**	TW PRV16 1-16		10	**1230120000**
Printed A...D or A...H or A...P	TW PRV16 A-P		10	**1230140000**	TW PRV16 A-P		10	**1230140000**
End bracket								
black	WEW 35/1 SW		50	**1162600000**	WEW 35/1 SW		50	**1162600000**
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	**1274660000**	SDIS SL 0.6X3.5X100		1	**1274660000**
Pluggable cross-connection								
2-pole	SRC-I QV P		10	**8870840000**	SRC-I QV P		10	**8870840000**
Identification systems								
	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**	WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

For detailed information on other accessories and application in the online catalogue

	PPV 4	1.5 mm²	PPV 8	1.5 mm²
				
Width/Height/Depth mm	9.2 x 70 x 54.5		9.2 x 120 x 73	
max. current / max. cond. cross-section -/mm²	/ 1.5		/ 1.5	
Max. clamping range mm²	0.13...1.5		0.13...1.5	

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250	300	300	
Rated current	A	17.5	10	10	
for wire cross-section	mm²	1.5	AWG 26...16	AWG 26...16	
Rated impulse withstand voltage / Pollution severity		4 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0			
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

IEC 60947-7-1, DIN EN 60079

IEC 60947-7-1

Ordering data

Version	Type	Qty.	Order No.
blue for TS 35x15	PPV 4 BL 35X15 DGR	20	1267910000
grey for TS 35x15	PPV 4 GR 35X15 DGR	20	1173880000
blue for TS 35x7.5	PPV 4 BL 35X7.5 DGR	20	1267920000
grey for TS 35x7.5	PPV 4 GR 35X7.5 DGR	20	1173890000
Note	DGR = dark grey actuators		

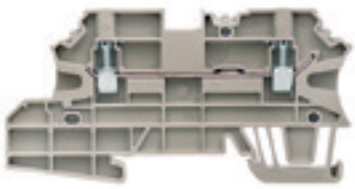
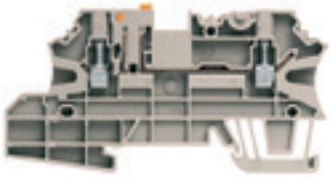
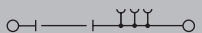
Type	Qty.	Order No.
PPV 8 BL 35X15 DGR	20	1267870000
PPV 8 GR 35X15 DGR	20	1173850000
PPV 8 BL 35X7.5 DGR	20	1267880000
PPV 8 GR 35X7.5 DGR	20	1173870000
DGR = dark grey actuators		

Accessories

End plate	Type	current	Qty.	Order No.
black	PAP PRV/PPV4 SW		10	1173750000
blue	PAP PRV/PPV4 BL		10	1268010000
grey	PAP PRV/PPV4 GR		10	1211450000
Marker holder				
black for TS 35 x 15	BZT PRV4 SW 35X15		20	1173590000
blue for TS 35 x 15	BZT PRV4 BL 35X15		20	1267980000
black for TS 35 x 7.5	BZT PRV4 SW 35X7.5		20	1173600000
blue for TS 35 x 7.5	BZT PRV4 BL 35X7.5		20	1267990000
Partition plate				
Unprinted	TW PRV4		10	1173700000
Printed 0...3 or 0...7 or 0...15	TW PRV4 0-3		10	1230060000
Printed 1...4 or 1...8 or 1...16	TW PRV4 1-4		10	1230050000
Printed A...D or A...H or A...P	TW PRV4 A-D		10	1230070000
End bracket				
black	ZEW 35/2 SW		20	1162610000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Pluggable cross-connection				
2-pole	SRC-I QV P		10	8870840000
Identification systems				
	WS 7.8/9.2 PLUS MC NE GR		360	1208970000

Type	current	Qty.	Order No.
PAP PRV/PPV8 SW		10	1173720000
PAP PRV/PPV8 BL		10	1268000000
PAP PRV/PPV8 GR		10	1211460000
BZT PRV8 SW 35X15		20	1173570000
BZT PRV8 BL 35X15		20	1267950000
BZT PRV8 SW 35X7.5		20	1173580000
BZT PRV8 BL 35X7.5		20	1267970000
TW PRV8		10	1173670000
TW PRV8 0-7		10	1230090000
TW PRV8 1-8		10	1230080000
TW PRV8 A-H		10	1230110000
ZEW 35/2 SW		20	1162610000
SDIS SL 0.6X3.5X100		1	1274660000
SRC-I QV P		10	8870840000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

For detailed information on other accessories and application in the online catalogue

	WMF 2.5	2.5 mm²	WMF 2.5 DI	2.5 mm²
				
Width/Height/Depth mm	5.08 x 88 x 44.5		5.08 x 88 x 44.5	
max. current / max. cond. cross-section A	**32 / 4**		**20 / 4**	
Max. clamping range mm²	**0.5...4**		**0.5...4**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal -		600	600	
Rated current A	24	20	26	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal -		600	300	
Rated current A	20	19	19	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	WMF 2.5	50	**1143070000**
blue Wemid	WMF 2.5 BL	50	**1270040000**
Note			

Version	Type	Qty.	Order No.
dark beige Wemid	WMF 2.5 DI	50	**1143020000**
blue Wemid	WMF 2.5 DI BL	50	**1270070000**
Note			

Accessories

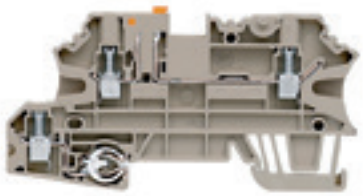
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**
End plate / Partition plate				
dark beige	AP WMF2.5		50	**1142990000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		10	**9008330000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED				
10 - 36 V AC/DC, red LED				
140 - 250 V AC/DC, red LED				
Module connector (max, 250 V)				
without fittings				
with wire jumper				
With 1N4007 diode				
Disconnect plug				
removable, as replacement for release lever				
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 M MC NE WS		720	**1792000000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**
End plate / Partition plate				
dark beige	AP WMF2.5		50	**1142990000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		10	**9008330000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
	FUCR SW		10	**1167630000**
	FUCR 10-36V SW		10	**1167640000**
	FUCR 100-250V SW		10	**1167680000**
Module connector (max, 250 V)				
without fittings				
with wire jumper	BEST/DRBR		50	**1878570000**
With 1N4007 diode	BEST/D		50	**1878560000**
Disconnect plug				
removable, as replacement for release lever				
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 M MC NE WS		720	**1792000000**

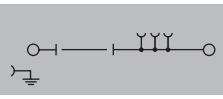
For detailed information on other accessories and application in the online catalogue

WMF 2.5 DI PE

2.5 mm²



5.08 x 88 x 44.5
20 / 4
0.5...4



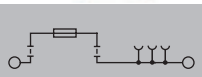
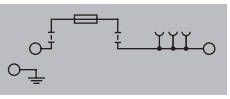
IEC	UL	CSA	EN 60079-7
	600	600	
20	19	19	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

CE cULus

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WMF 2.5 DI PE	50	**1143030000**
WMF 2.5 DI PE BL	50	**1270080000**

Type	current	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	**1693800000**
ZQV 2.5N/10 GE	24 A	20	**1693880000**
AP WMF2.5		50	**1142990000**
WEW 35/1		50	**1059000000**
SDS 0.6X3.5X100		10	**9008330000**
SIHA 3/G20		25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
FUCR SW		10	**1167630000**
FUCR 10-36V SW		10	**1167640000**
FUCR 100-250V SW		10	**1167680000**
BEST		50	**1833100000**
BEST/DRBR		50	**1878570000**
BEST/D		50	**1878560000**
TNST		50	**1833090000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**

	WMF 2.5 FU	2.5 mm²	WMF 2.5 FU PE	2.5 mm²
Width/Height/Depth mm	5.08 x 88 x 74		5.08 x 88 x 74	
max. current / max. cond. cross-section A	**6.3 / 4**		**6.3 / 4**	
Max. clamping range mm²	**0.5...4**		**0.5...4**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal -		600	600	
Rated current A	6.3	17	17	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE GL cULus			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal -		600	600	
Rated current A	6.3	17	17	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE GL cULus			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
black Wemid	WMF 2.5 FU SW	50	1162920000
10-36 V AC/DC, with LED	WMF 2.5 FU 10-36V SW	50	1162930000
30–70 V AC/DC, with LED	WMF 2.5 FU 30-70V SW	50	1162940000
60-150 V AC/DC, with LED	WMF 2.5 FU 60-150V SW	50	1162950000
100-250 V AC/DC, with LED	WMF 2.5 FU 100-250V SW	50	1162960000
Note	The WMF FU terminals may not be aligned directly under one another.		

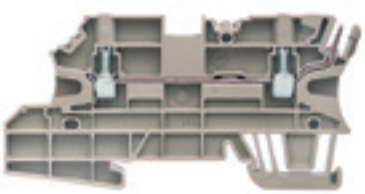
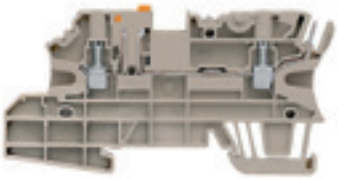
Version	Type	Qty.	Order No.
black Wemid	WMF 2.5 FU PE SW	50	1163040000
10-36 V AC/DC, with LED	WMF 2.5 FU PE 10-36V SW	50	1163050000
30–70 V AC/DC, with LED	WMF 2.5 FU PE 30-70V SW	50	1163060000
60-150 V AC/DC, with LED	WMF 2.5 FU PE 60-150V SW	50	1163070000
100-250 V AC/DC, with LED	WMF 2.5 FU PE 100-250V SW	50	1163080000
Note	The WMF FU terminals may not be aligned directly under one another.		

Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige	WEW 35/2		100	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR		50	1878570000
With 1N4007 diode	BEST/D		50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige	WEW 35/2		100	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR		50	1878570000
With 1N4007 diode	BEST/D		50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

	WMF 2.5 BLZ	2.5 mm²	WMF 2.5 DI BLZ	2.5 mm²
				
Width/Height/Depth mm	5.08 x 90 x 44.5		5.08 x 90 x 44.5	
max. current / max. cond. cross-section A	32 / 4		20 / 4	
Max. clamping range mm²	0.5...4		0.5...4	
	BLZ 5.08		BLZ 5.0	

Technical data

Rated data	WMF 2.5 BLZ	WMF 2.5 DI BLZ
Rated voltage to adjoining terminal	IEC 61984, In accordance with IEC 60947-7-1	IEC 61984, In accordance with IEC 60947-7-1
Rated current A	24	20
for wire cross-section mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	IEC 300 / UL 300 / CSA 300 / EN 60079-7	IEC 300 / UL 300 / CSA 300 / EN 60079-7
	IEC 24 / UL 20 / CSA 26	IEC 20 / UL 19 / CSA 19
	IEC 2.5 / UL AWG 26...12 / CSA AWG 26...12	IEC 2.5 / UL AWG 26...12 / CSA AWG 26...12
	CE, cULus	cULus
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)	Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	With BLZ plug the nominal current is reduced to 15.5 A.	With BLZ plug the nominal current is reduced to 15.5 A.

Ordering data

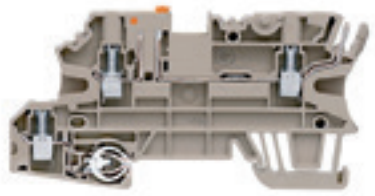
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	WMF 2.5 BLZ	50	1143050000	WMF 2.5 DI BLZ	50	1143000000
Note						

Accessories

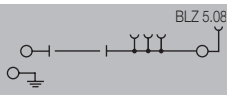
	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000	ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000	ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate								
dark beige	AP WMF2.5		50	1142990000	AP WMF2.5		50	1142990000
End bracket								
dark beige	WEW 35/2		100	1061200000	WEW 35/1		50	1059000000
Screwdriver								
Standard	SDS 0.6X3.5X100		10	9008330000	SDS 0.6X3.5X100		10	9008330000
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED					SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED					SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED					SIHA 3/G20/LD 140-250V		25	7921600000
					FUCR SW		10	1167630000
					FUCR 10-36V SW		10	1167640000
					FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)								
without fittings					BEST		50	1833100000
with wire jumper					BEST/DRBR		50	1878570000
With 1N4007 diode					BEST/D		50	1878560000
Disconnect plug								
removable, as replacement for release lever					TNST		50	1833090000
Identification systems								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 M MC NE WS		720	1792000000	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

WMF 2.5 DI BLZ PE — 2.5 mm²



Width/Height/Depth	mm	5.08 x 90 x 44.5
max. current / max. cond. cross-section	A	**20 / 4**
Max. clamping range	mm²	**0.5...4**



IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal		300	300	
Rated current	20	19	19	
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / Stranded	mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)		Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm

Note	
	With BLZ plug the nominal current is reduced to 15.5 A.

Ordering data

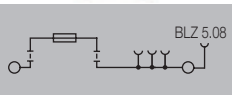
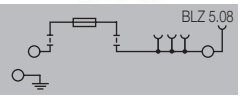
Version	Type	Qty.	Order No.
dark beige Wemid	WMF 2.5 DI BLZ PE	50	**1143010000**

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	**1693800000**
10-pole	ZQV 2.5N/10 GE	24 A	20	**1693880000**
End plate / Partition plate				
dark beige	AP WMF2.5		50	**1142990000**
End bracket				
dark beige	WEW 35/1		50	**1059000000**
Screwdriver				
Standard	SDS 0.6X3.5X100		10	**9008330000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
	FUCR SW		10	**1167630000**
	FUCR 10-36V SW		10	**1167640000**
	FUCR 100-250V SW		10	**1167680000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR		50	**1878570000**
With 1N4007 diode	BEST/D		50	**1878560000**
Disconnect plug				
removable, as replacement for release lever	TNST		50	**1833090000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

	WMF 2.5 FU BLZ	2.5 mm²	WMF 2.5 FU BLZ PE	2.5 mm²
Width/Height/Depth mm	5.08 x 90 x 74		5.08 x 90 x 74	
max. current / max. cond. cross-section A	**6.3 / 4**	 BLZ 5.08	**6.3 / 4**	 BLZ 5.08
Max. clamping range mm²	**0.5...4**		**0.5...4**	

Technical data

	WMF 2.5 FU BLZ	WMF 2.5 FU BLZ PE
Rated data	IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-3	IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-7-3
Rated voltage to adjoining terminal -	300	300
Rated current A	6.3	6.3
for wire cross-section mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)	Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
	300	300	
6.3	17	17	
2.5	AWG 26...12	AWG 26...12	

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw) 0.5...0.6 Nm (M 3)
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
black Wemid	WMF 2.5 FU BLZ SW	50	1162980000
10-36 V AC/DC, with LED	WMF 2.5 FU BLZ 10-36V SW	50	1162990000
30–70 V AC/DC, with LED	WMF 2.5 FU BLZ 30-70V SW	50	1163000000
60-150 V AC/DC, with LED	WMF 2.5 FU BLZ 60-150V SW	50	1163010000
100-250 V AC/DC, with LED	WMF 2.5 FU BLZ 100-250V SW	50	1163020000

Note

Version	Type	Qty.	Order No.
black Wemid	WMF 2.5 FU BLZ PE SW	50	1162820000
10-36 V AC/DC, with LED	WMF 2.5 FU BLZ PE 10-36V SW	50	1162830000
30–70 V AC/DC, with LED	WMF 2.5 FU BLZ PE 30-70V SW	50	1162840000
60-150 V AC/DC, with LED	WMF 2.5 FU BLZ PE 60-150V SW	50	1162850000
100-250 V AC/DC, with LED	WMF 2.5 FU BLZ PE 100-250V SW	50	1162860000

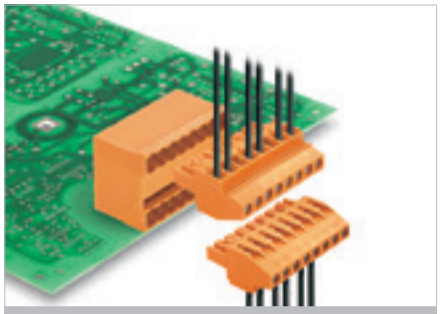
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige	WEW 35/1		50	1059000000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR		50	1878570000
With 1N4007 diode	BEST/D		50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5N/2 GE	24 A	60	1693800000
10-pole	ZQV 2.5N/10 GE	24 A	20	1693880000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige	WEW 35/1		50	1059000000
Screwdriver				
Standard	SDS 0.6X3.5X100		10	9008330000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20		25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR		50	1878570000
With 1N4007 diode	BEST/D		50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST		50	1833090000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

BLZP 5.08HC/../90



The BLZP is the functional extension of the BLZ series. The „P" in the part name stands for a plus in security and performance in processing and use.

- WIRE READY – delivered with terminal points already opened
- Power tools can be used with the globally compatible plus/minus screw head
- Folded steel clamping yoke accommodates the connected wire and compensates for temperature fluctuations
- The integrated wire guard prevents dangerous under-insertion of the wire from occurring.
- Lock and release-lever: tool-less locking and gentle releasing of the connector reduces the mechanical stress one the solder joints.

Product data

IEC: 400 V / 23 A / 0.2 - 4 mm²
UL: 300 V / 20 A / AWG 30 - 12

72h

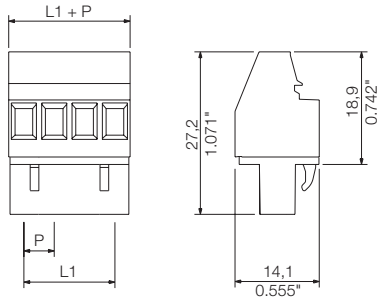
For additional articles and information, refer to catalog.weidmueller.com

Note:

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

BLZP 5.08HC/../90

Dimensioned drawing



Technical data

In compliance with IEC 60664-1 / IEC 61984				
Clamping range, max.	mm²	0.13...4		
Solid core H05(07) V-U	**mm²**	**0.2...4**		
Stranded H07 V-R				
Flexible H05(07) V-K	mm²	0.2...4		
Flexible with ferrule	mm²	0.2...4		
Ferrule with plastic collar	mm²	0.2...2.5		
Stripping length	mm	7		
Screwdriver blade	mm	0.6 x 3.5, PH 0, PZ 0		
According to norm				
Tightening torque range	Nm	0.4...0.5		
Rated current, max.	**A**	**23**		**21**
At ambient temperature		20°C		40°C
For conductor cross-section	mm²	4		
Overvoltage category		III	III	II
Pollution severity		3	2	2
Rated voltage	**V**	**250**	**320**	**400**
Rated impulse voltage	kV	4	4	4
UL / CUL (Use Group)		**B**	**C**	**D**
Rated voltage	**V**	**300**		**300**
Rated current	**A**	**20**		**10**
AWG conductor	**AWG**		**30-12**	
CSA (Use Group)		**B**	**C**	**D**
Rated voltage	V	300	50	300
Rated current	A	20		20
AWG conductor	AWG		30-12	
General data				
Type of insulation material			PBT	
UL 94 flammability rating			V-0	
Contact base material			Cu-Leg	
Material of contact surface			tinned	
Pin dimensions = d	mm			
Solder eyelet Ø = D	mm			
Solder eyelet Ø tolerance	mm			

5.08
90°
4 mm²

Accessories

Note: Refer to the Accessories chapter for additional accessories.

Coding		Order No.
	BLZ/SL KO OR BX	1573010000
	BLZ/SL KO BK BX	1545710000
Screwdriver		
	SDS 0.6X3.5X100	9008330000
	SDIS 0.6X3.5X100	9008390000
Crosshead screwdriver		
	SDK PH1	9008480000
	SDK PZ1	9008530000

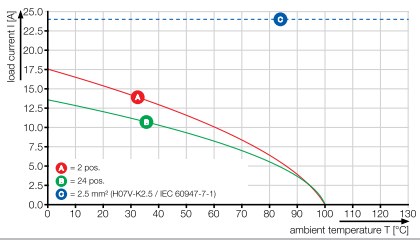
Ordering data

Solder pin length

Colour				Orange	Black
Pitch	**5.08 mm**				
Pol.	**L1**	**(inch)**	**Qty.**	**Order No.**	**Order No.**
2	5.08	0.200	180	1948000000	1948240000
4	15.24	0.600	90	1948020000	1948260000
6	25.40	1.000	60	1948040000	1948280000
8	35.56	1.400	42	1948060000	1948300000
12	55.88	2.200	30	1948110000	1948340000
16	76.20	3.000	18	1948150000	1948380000

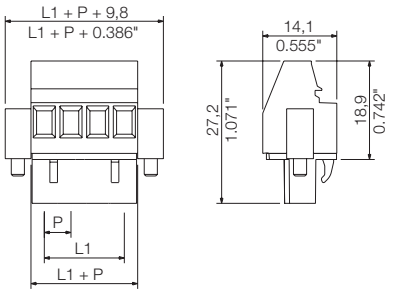
Representative deratings curve

BLZP 5.08/../90 - SL 5.08/../90



BLZP 5.08HC/../90F

Dimensioned drawing



Ordering data

Solder pin length					
Colour				Orange	Black
Pitch	**5.08 mm**				
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.08	0.200	90	1949800000	1950040000
4	15.24	0.600	60	1949820000	1950060000
6	25.40	1.000	42	1949840000	1950080000
8	35.56	1.400	36	1949860000	1950100000
12	55.88	2.200	24	1949900000	1950140000
16	76.20	3.000	18	1949940000	1950180000

The 2-in-1 contact

Every pluggable connector covers two contact points and thus must meet two different requirements: First, the wire termination and second, the connection between plug and pin header. Referring to the 5.0x pitch series, Weidmüller offers different wire connection technologies, but one platform contact for the male / female connection since years. This well-designed hybride platform contact ensures a constant quality on a very high level.
Hybride means, that we combine metal material featuring different characteristics by welding, in order to devide the contact system into different function zones: Further to the high electric conductance, the current bar is characterized by its hardness, and the tulip contact by its excellent tension properties. The advantage: each function is supported by the most suitable material to reliably and constantly meet the different electrical and mechanical requirements. To put it in a nutshell: Instead of either ... or, it´s even both - perfect for the current,
and perfect for the force.

IL WMF 2.5 BLZ OR

Ordering data

Type	Qty.	Order No.
IL WMF2.5 BLZ OR	50	1167440000

WAD WMF 2.5

Ordering data

Type	Qty.	Order No.
WAD WMF2.5	50	1142970000

WBB WMF 2.5 BLZ

Ordering data

Type	Qty.	Order No.
WBB WMF2.5 BLZ	10	1142980000

AP WMF 2.5

Ordering data

Type	Qty.	Order No.
AP WMF2.5	50	1142990000

FUCR SW

Ordering data

Type	Qty.	Order No.
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
FUCR 30-70V SW	10	1167650000
FUCR 60-150V SW	10	1167670000
FUCR SW	10	1167630000

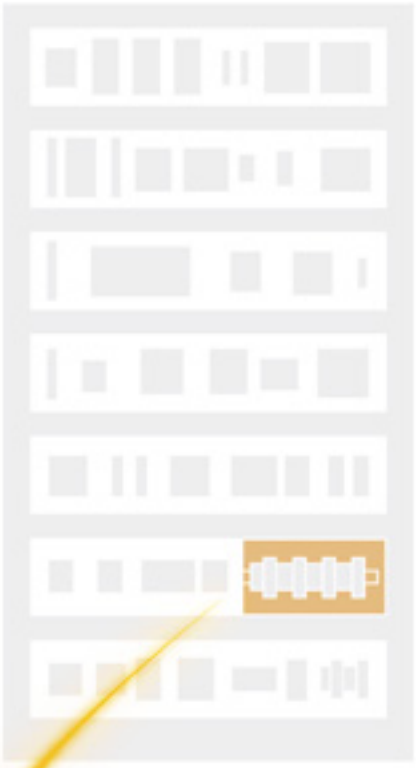
Safe, error-free plant operation

Efficient shielding and earthing with Klippon® Connect

The safety and availability of plants must be guaranteed at all times. Careful planning and installation of safety functions play a particularly important role. For personnel protection, we offer a wide range of PE terminal blocks in different connection technologies. With our wide range of KLBÜ shield connections, you can achieve flexible and self-adjusting shield contacting and ensure error-free plant operation.

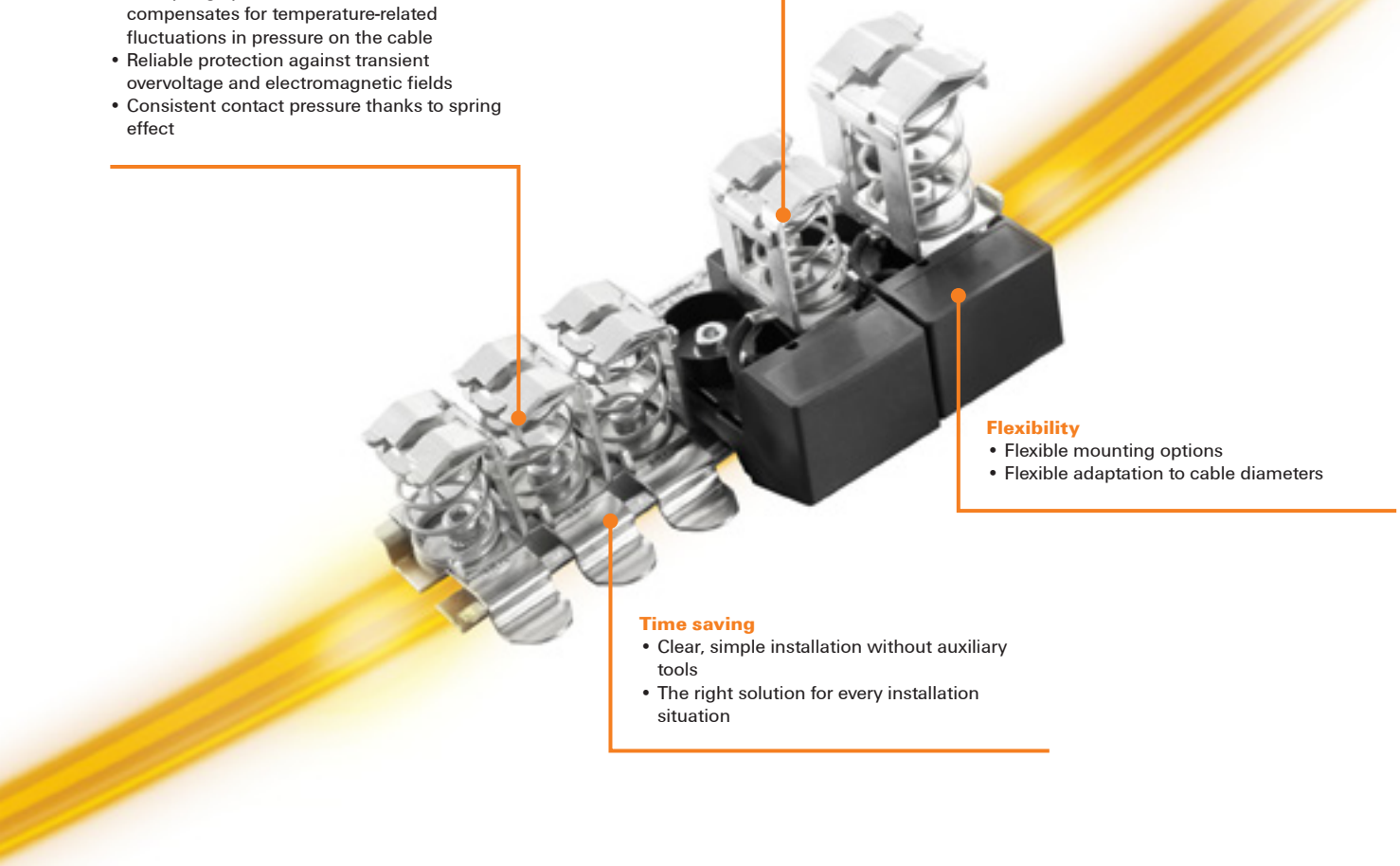
Our promise

Klippon® Connect reliably guarantees the protection of personnel and machines and increases plant availability. You can improve your productivity and benefit from more efficient planning and increased safety during installation and operation.



Space saving
- Complete range for conductor diameters from 2 to 37 mm to meet all space requirements
- Perfect shielding thanks to comprehensive accessories

Safety
- The spring system on the shield connection compensates for temperature-related fluctuations in pressure on the cable
- Reliable protection against transient overvoltage and electromagnetic fields
- Consistent contact pressure thanks to spring effect



Flexibility
- Flexible mounting options
- Flexible adaptation to cable diameters

Time saving
- Clear, simple installation without auxiliary tools
- The right solution for every installation situation

Our range

Shielding:
Our complete range of KLBÜ shield connections, KHLA shield clamping saddles, SH 4C shield rail holders and KLBÜ RC shielding brackets allows simple and efficient installation of safe shielding systems.

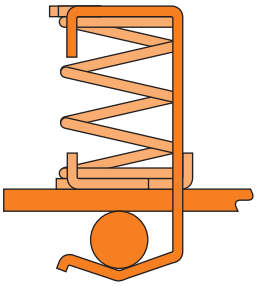
Protective earth (PE):
We offer a wide range of green/yellow terminal blocks in screw connection, tension clamp and PUSH IN designs.

Potential equalisation:
Our JB 25–50 and EBB 25–50/16 potential equalisation terminal blocks allow you to achieve reliably integrated potential equalisation, even in extended systems.

Shielding and earthing
Shield clamping saddles

Clamping bracket

Cable attached to the busbar from below



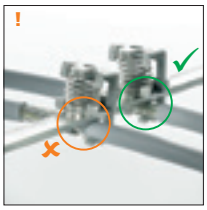
KLBÜ 2 x 2-6

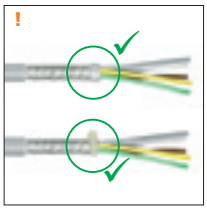
KLBÜ 3-8

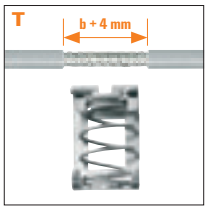
KLBÜ 4-13.5

KLBÜ 10-20

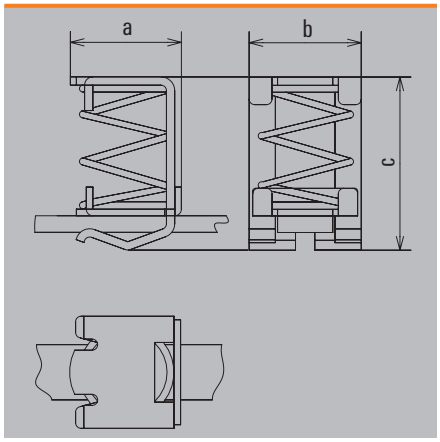
KLBÜ 15-32







KLBÜ



Ordering data

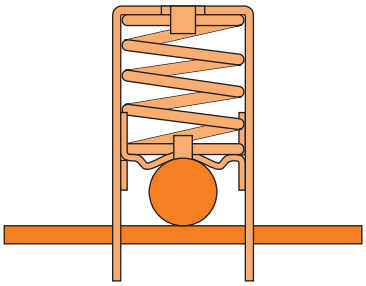
Type	for cable diameters	Dimensions (a x b x c) mm	Qty.	Order No.
Clamping bracket				
KLBUE 2X2-6	2...6 mm	15 / 18 / 24	10	**1675350000**
KLBUE 3-8	3...8 mm	14.5 / 18.5 / 26	10	**1600480000**
KLBUE 4-13.5	4...13.5 mm	20.5 / 22 / 31.5	10	**1592810000**
KLBUE 10-20	10...20 mm	24 / 26 / 40	10	**1600490000**
KLBUE 15-32	15...32 mm	33.5 / 32 / 64	10	**1716300000**

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN	1000 mm	Copper	1	**0348900000**

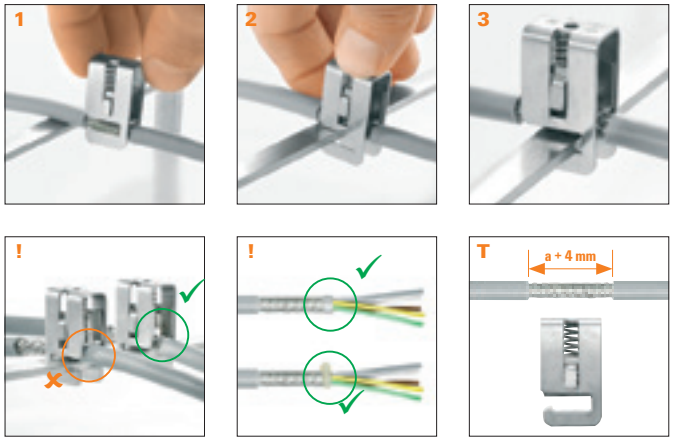
Note

Clamping bracket

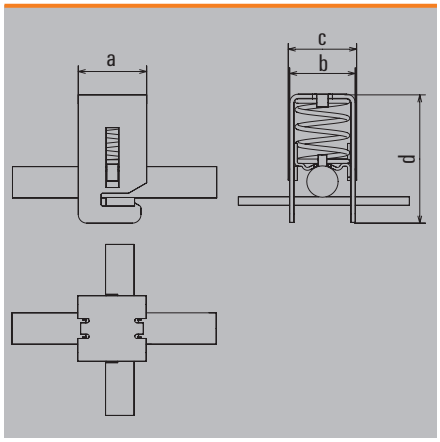
Cable attached to the busbar from above



KLBÜ CO 1 | KLBÜ CO 2 | KLBÜ CO 3 | KLBÜ CO 4 | KLBÜ CO 5



KLBÜ CO



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket				
KLBUE CO 1	3...10 mm	18 / 12 / 13.2 / 32	10	**1753311001**
KLBUE CO 2	4...15 mm	18 / 20 / 21.1 / 41.6	10	**1752131001**
KLBUE CO 3	10...20 mm	25 / 23 / 24 / 45	10	**1749151001**
KLBUE CO 4	15...28 mm	32 / 31 / 25 / 56	10	**1749161001**
KLBUE CO 5	20...37 mm	35.5 / 40 / 42.7 / 64.5	10	**1755081001**

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN	1000 mm	Copper	1	**0348900000**

Note

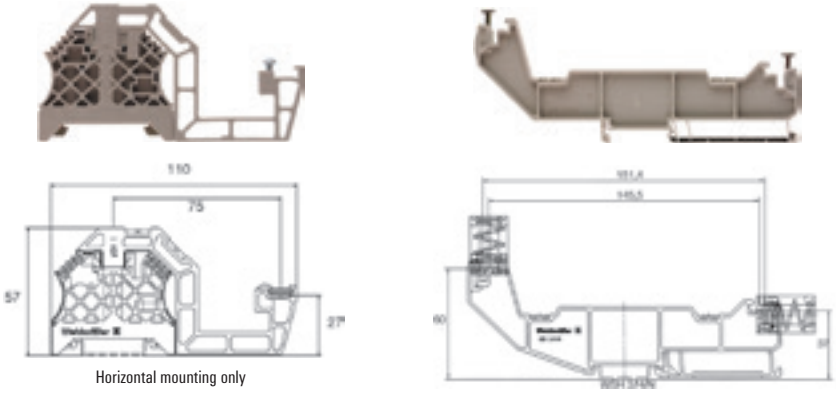
Shielding and earthing
Shield clamping saddles

Rail support

Isolated mounting on TS 35

Type WSH 1

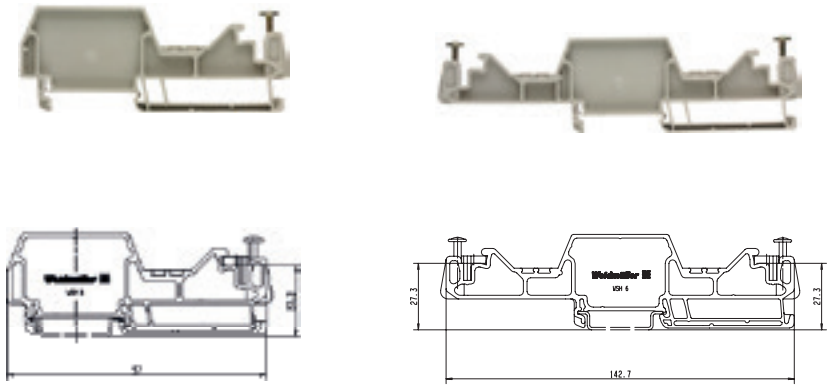
Type WSH 3/H/N



Horizontal mounting only

Type WSH 5

Type WSH 6



WSH

Ordering data

Type	Width	Qty.	Order No.
Rail support			
WSH 1	8 mm	10	**1068700000**
WSH 3/H/N	8 mm	10	**1715970000**
WSH 5	8 mm	10	**1080100000**
WSH 6	8 mm	10	**1080200000**

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN	1000 mm	Copper	1	**0348900000**

Note

Rail support

Conductive mounting on TS 35

TS 35 clip

Busbar connector
BFEH 1/WSH

Angled rail
SMSE WSH U1MT

Angled rail
SMSE WSH 135/60 MT

Example assembly 1
- one busbar
- 2 x WSH 19 MT busbar support set

Example assembly 2
- two busbars
- 2 x WSH 18 MT busbar support sets

WSH

Ordering data

Type	Dimensions (H x W x D) mm	Qty.	Order No.
TS 35 clip			
BS 35/WSH 2	52 / 13 / 37	10	**1760720000**
Busbar connector			
BFEH 1/WSH	20 / 13.5 / 31	10	**1082400000**
Angled rail			
SMSE WSH U1 MT	134 / 10 / 134	10	**1083900000**
SMSE WSH 135/60 MT	123.5 / 10 / 3	10	**1246990000**
Rail support sets			
WSH 18 MT		10	**1083100000**
WSH 19 MT		10	**1083200000**

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN	1000 mm	Copper	1	**0348900000**

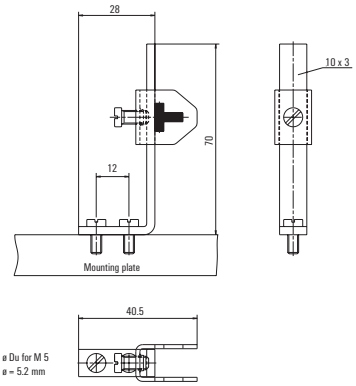
Note

Shielding and earthing
Shield clamping saddles

Rail support / Spacer

Rail support

Set (WSH 4 MT) comprising:
- 1 busbar anglel
- 1 busbar connector (BFEH 1 / WSH)



Spacer

M6 outer and inner threads
(in 15 mm, 20 mm and 30 mm lengths)

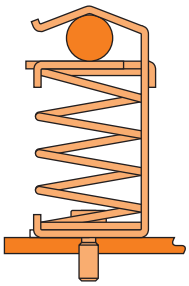
WSH 4 MT / SP

Ordering data

Type	Length	Qty.	Order No.
Busbar support			
WSH 4 MT		10	**1079900000**
Spacer			
SP M6 15 MSZN	15 mm	2	**3896100000**
SP M6 20 MSZN	20 mm	2	**3896200000**
SP M6 30 MSZN	30 mm	2	**3896300000**

Note

Clamping bracket



SCH-1-WB

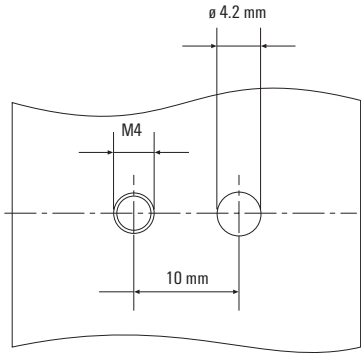
KLBÜ 3-8 SC

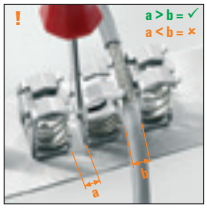
KLBÜ 4-13,5 SC

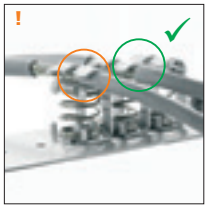
KLBÜ 10-20 SC

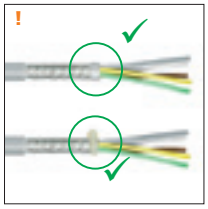
KLBÜ 15-32 SC

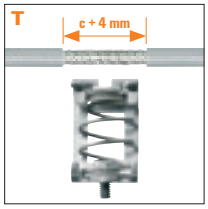
Drilling template KLBÜ 15-32 SC



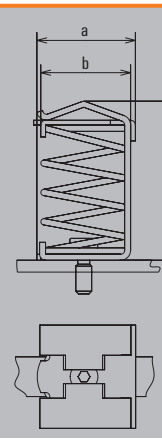








KLBÜ SC



Ordering data

Type	for cable diameters	Length of thread	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket					
SCH-1-WINBLOC				5	**1739890000**
KLBUE 3-8 SC	3...8 mm	5.65 mm	14.5 / / 18.5 / 26	10	**1692261001**
KLBUE 4-13.5 SC	4...13.5 mm	5.3 mm	20.1 / / 22 / 31.45	10	**1712311001**
KLBUE 10-20 SC	10...20 mm	5.3 mm	23.6 / / 26 / 40	10	**1712321001**
KLBUE 15-32 SC	15...32 mm	4.8 mm	33.25 / / 32 / 63.9	10	**1718341001**
Self-tapping screw					
KLBUE 3-8 SDSC	3...8 mm		14.4 / / 18 / 25.9	10	**1835840000**

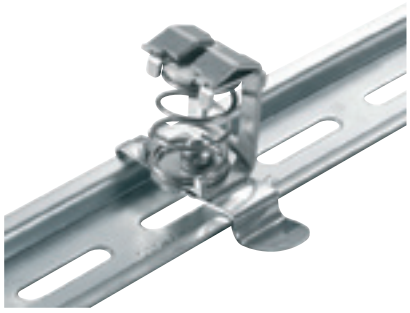
Type	Qty.	Order No.
Operating tool		
BTWZ KLBUE	1	**1742630000**

Note

FM 4-foot / Clamping bracket holder

FM 4 foot

KLBÜ SC-type clamping brackets
(see previous page)
are screwed on to the **FM 4**foot



KLBÜ 4-13.5 FM4

Clamping bracket holder

BS 35 II (without KLBÜ)

BS 35 II / KLBÜ 3-8

BS 35 II / KLBÜ 3-8 / 2 x 2-6

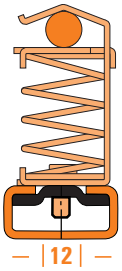
FM 4 / BS 35 II

Ordering data

Type	for cable diameters	Qty.	Order No.
FM 4 foot			
FM 4/TS35		40	**0687900000**
Clamping bracket fitted with FM 4 foot			
KLBUE 3-8 FM4	3...8 mm	10	**1252530000**
KLBUE 4-13.5 FM4	4...13.5 mm	10	**1252520000**
KLBUE 10-20 FM4	10...20 mm	10	**1252510000**
KLBUE 15-32 FM4	15...32 mm	10	**1252490000**
Clamping bracket holder			
BS 35II KLBUE HOLDER		10	**1723800000**
BS 35II KLBUE3-8	3...8 mm	10	**1723810000**
BS 35II/KLBUE 4-13.5	4...13.5 mm	10	**1723820000**
BS 35II KLBUE3-8/2X2-6	3...8 mm	10	**1749430000**
BS 35II KLBUE2X3-8/2X2-6	3...8 mm	10	**1768020000**

Note

Clamping bracket

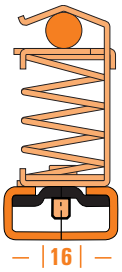


KLBÜ 3-8 CPF

KLBÜ 4-13,5 CPF

KLBÜ 10-20 CPF

KLBÜ 15-32 CPF



KLBÜ 3-8 CPF

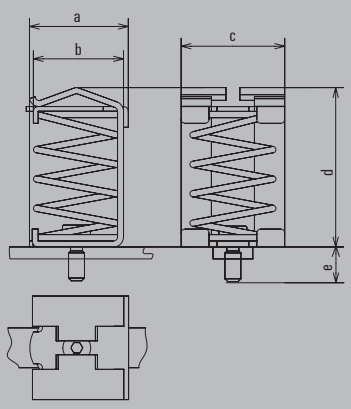
KLBÜ 4-13,5 CPF

KLBÜ 10-20 CPF

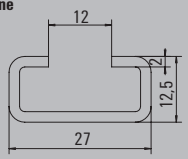
KLBÜ 15-32 CPF

KLBÜ CPF

Klemmbügel



C-Schiene



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Type for 12 mm profile				
KLBUE 3-8 CPF	3...8 mm	14.5 / 13.5 / 18 / 26	10	**1752681001**
KLBUE 4-13.5 CPF	4...13.5 mm	20.5 / 19 / 22 / 31.5	10	**1752691001**
KLBUE 10-20 CPF	10...20 mm	24 / 22.5 / 26 / 39.5	10	**1752701001**
KLBUE 15-32 CPF	15...32 mm	33.5 / / 32 / 64	10	**1752711001**
Type for 16 mm profile				
KLBUE 4-13.5 CPF16	4...13.5 mm	20.1 / 18.9 / 22 / 31.45	10	**1167850000**
KLBUE 10-20 CPF16	10...20 mm	25 / 24 / 26 / 39.5	10	**1252550000**
KLBUE 15-32 CPF16	15...32 mm	34.5 / 33.5 / 32 / 64	10	**1252540000**

Type	Qty.	Order No.
C-rail		
TS 27X12.5M/ST/F.ZN	2	**1802690000**

Note

Shielding and earthing
Shield clamping saddles

Shielding solutions for direct connection

KLBÜ 4-6 Z/1

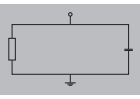
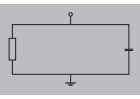
EMC-Set

Ordering data

Type	for cable diameters	Qty.	Order No.
Type for 12 mm profile			
KLBUE 4-6 Z/1	4...6 mm	10	**2269800000**

Type	Qty.	Order No.
EMC-TIE	1	**1067490000**

Note	suitable for Z series 2.5 mm²

	KLBUE 10-20 RC TS 27	KLBUE 4-13.5 RC TS 27
	Clamping bracket	Clamping bracket
Width/Height/Depth mm	39.6 x 67.5 x 63.6 	37.5 x 67.5 x 55.6 

Technical data

Rated data		
Rated voltage	230 VAC	230 VAC
Conductors to be clamped:		
Cable diameter, min.	10 mm	4 mm
Cable diameter, max.	20 mm	13.5 mm
General data		
Continuous operating temp., min.	-25 °C	-25 °C
Continuous operating temp., max.	105 °C	105 °C
UL 94 flammability rating	V-0	V-0
Colour	Black, Silver grey	Black, Silver grey
Material	PA 66 GF 30	PA 66 GF 30
Component 1	Resistance 1 MΩ	Resistance 1 MΩ
Component 2	Capacitor 100 nF	Capacitor 100 nF
Installation advice	Direct mounting	Direct mounting
Note		

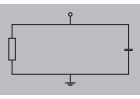
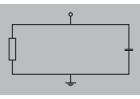
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
for shield connection with high-pass filter	KLBUE 10-20 RC TS27	1	**1403050000**	KLBUE 4-13.5 RC TS27	1	**1403060000**
Note						

Accessories

Terminal rail	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Identification systems								
	SM 27/8 K MC NE WS		80	**1812630000**	SM 27/8 K MC NE WS		80	**1812630000**
Operating tool								
	BTWZ KLBUE		1	**1742630000**	BTWZ KLBUE		1	**1742630000**
Tools								
	IS 4 KG		1	**1806660000**	IS 4 KG		1	**1806660000**
Screwdriver								
Standard	SDS 0.6X3.5X100		10	**9008330000**	SDS 0.6X3.5X100		10	**9008330000**
C-rail								
	TS 27X12.5M/ST/F.ZN		2	**1802690000**	TS 27X12.5M/ST/F.ZN		2	**1802690000**

For detailed information on other accessories and application in the online catalogue

	KLBUE 3-8 RC TS 35	KLBUE 3-8 RC TS 27
	Clamping bracket	Clamping bracket
Width/Height/Depth mm	35 x 67.5 x 50 	35 x 67.5 x 50 

Technical data

Rated data		
Rated voltage	230 VAC	230 VAC
Conductors to be clamped:		
Cable diameter, min.	3 mm	3 mm
Cable diameter, max.	8 mm	8 mm
General data		
Continuous operating temp., min.	-25 °C	-25 °C
Continuous operating temp., max.	105 °C	105 °C
UL 94 flammability rating	V-0	V-0
Colour	Black, Silver grey	Black, Silver grey
Material	PA 66 GF 30	PA 66 GF 30
Component 1	Resistance 1 MΩ	Resistance 1 MΩ
Component 2	Capacitor 100 nF	Capacitor 100 nF
Installation advice	Direct mounting	Direct mounting
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
for shield connection with high-pass filter	KLBUE 3-8 RC TS35	1	**1402830000**	KLBUE 3-8 RC TS27	1	**1403070000**
Note						

Accessories

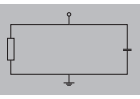
Terminal rail	**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
	TS 35X7.5 2M/ST/ZN		2	**0383400000**				
	TS 35X7.5/LL 2M/ST/ZN		2	**0514500000**				
Identification systems								
	SM 27/8 K MC NE WS		80	**1812630000**	SM 27/8 K MC NE WS		80	**1812630000**
Operating tool								
	BTWZ KLBUE		1	**1742630000**	BTWZ KLBUE		1	**1742630000**
Tools								
	IS 4 KG		1	**1806660000**	IS 4 KG		1	**1806660000**
Screwdriver								
Standard	SDS 0.6X3.5X100		10	**9008330000**	SDS 0.6X3.5X100		10	**9008330000**
C-rail								
					TS 27X12.5M/ST/F.ZN		2	**1802690000**

For detailed information on other accessories and application in the online catalogue

KLBUE 10-20 RC TS 35

Clamping bracket

39.6 x 67.5 x 63.6



230 VAC
10 mm
20 mm
-25 °C
105 °C
V-0
Black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting

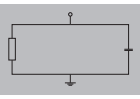
Type	Qty.	Order No.
KLBUE 10-20 RC TS35	1	**1403080000**

Type	current	Qty.	Order No.
TS 35X7.5 2M/ST/ZN		2	**0383400000**
TS 35X7.5/LL 2M/ST/ZN		2	**0514500000**
SM 27/8 K MC NE WS		80	**1812630000**
BTWZ KLBUE		1	**1742630000**
IS 4 KG		1	**1806660000**
SDS 0.6X3.5X100		10	**9008330000**

KLBUE 4-13.5 RC TS 35

Clamping bracket

37.5 x 67.5 x 55.6



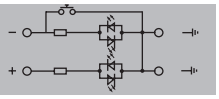
230 VAC
4 mm
13.5 mm
-25 °C
105 °C
V-0
Black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting

Type	Qty.	Order No.
KLBUE 4-13.5 RC TS35	1	**1403090000**

Type	current	Qty.	Order No.
TS 35X7.5 2M/ST/ZN		2	**0383400000**
TS 35X7.5/LL 2M/ST/ZN		2	**0514500000**
SM 27/8 K MC NE WS		80	**1812630000**
BTWZ KLBUE		1	**1742630000**
IS 4 KG		1	**1806660000**
SDS 0.6X3.5X100		10	**9008330000**

	ZTR 6-2 E	6 mm²

Width/Height/Depth	8.1 x 70 x 50
max. current / max. cond. cross-section	**20 / 10**
Max. clamping range	**0.05...10**



Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	230			
Rated current	20			
for wire cross-section	6			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0	
Approvals	CE			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...10 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6
Twin wire-end ferrule -	
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid, 230 V UC	ZTR 6-2 E / 230V UC	10	8817930000
dark beige Wemid, 24 V DC	ZTR 6-2 E / 24V DC	10	8817920000

Note

Accessories

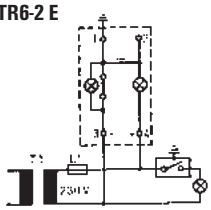
End plate / Partition plate	Type	current	Qty.	Order No.
dark beige	ZAP ZDU6-2		50	1771440000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With assembly peg	ZTA 7/ZA		25	1780670000
Screwdriver				
Standard	SDIS 0.6X3.5X100		10	9008390000

For detailed information on other accessories and application in the online catalogue

Operation mode

Operating mode

ZTR6-2 E

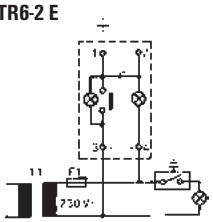


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.

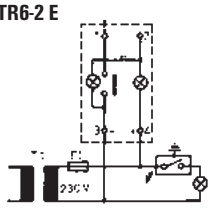
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

Operational malfunction

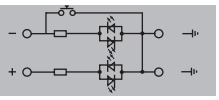
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

	WTR 35 E	35 mm²

Width/Height/Depth	mm	32 x 100 x 67.5
max. current / max. cond. cross-section	A	**125 / 35**
Max. clamping range	mm²	**4...35**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	-				
Rated current	A	125			
for wire cross-section	mm²	35			
Rated impulse withstand voltage / Pollution severity				0.8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				B9 / V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	4...16 / 10...35			
Flexible / Flexible with ferrule	mm²	4...35 / 4...35			
Tightening torque range (terminal screw)		Tightening torque range (terminal screw) 4(M 6)			
Stripping length / Blade size	mm/-	18 / 1.2 x 6.5 mm			
Note					

Ordering data

Version		Type	Qty.	Order No.
	dark beige Wemid, 24 V	WTR 35 E	5	**1045970000**
Note				

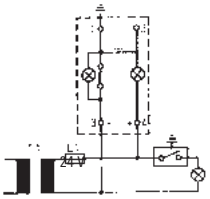
Accessories

End bracket		Type	current	Qty.	Order No.
	dark beige	WEW 35/1		50	**1059000000**
Screwdriver					
	Standard	SDS 1.2X6.5X150		1	**9009010000**
Identification systems					
		WS 12/6 MC NE WS		600	**1609900000**

For detailed information on other accessories and application in the online catalogue

Operation mode

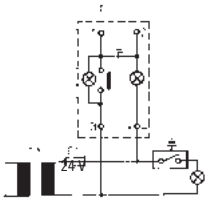
Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

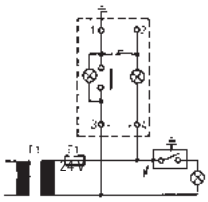
Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

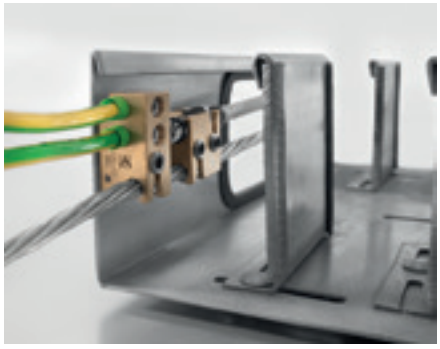
Operational malfunction



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

Shielding and earthing
Screw connection

Potential equalisation terminal block



Low installation height

Additional connection up to 16 mm²

Good visibility of the clamping screws

Technical data

Connection direction	on side
Tightening torque, min.	5 Nm
Clamping screw	M 6
Connection cross-section, flexible, min. / max.	25…50 mm²

Note

Ordering data

Type	Stripping length	Number of connections	Conductor min. / max.	Qty.	Order No.
Screw connection					
JB 25-50	33	2	25…50	10	**1547500000**
EBB 25-50/16	20	3	16 / 25…50	10	**1547490000**

Type	Description of article	Qty.	Order No.
SK WSD-S 1,5-10,0	Screwing tool	1	**9008850000**

Note

	WDU 2.5	WDU 4
	2.5 mm²	4 mm²
Width/Height/Depth mm	5.1 x 60 x 46.5	6.1 x 60 x 46.5
max. current / max. cond. cross-section A/mm²	**32 / 4**	**41 / 6**
Max. clamping range mm²	**0.05...4**	**0.13...6**

Technical data

	WDU 2.5	WDU 4
Rated data	IEC 60947-7-1	IEC 60947-7-1
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage V	800	800 / 690
Rated current A	24	32 / 28
for wire cross-section mm²	2.5	4 / 4 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A4 / V-0
Approvals		CE EAC KEMA98ATEX1683U
Clamped conductors (H05V/H07V)	Rated connection / Further connection	Rated connection / Further connection
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...6 / 0.5...4
Tightening torque range (terminal screw)	0.4...0.8 Nm (M 2.5)	0.5...1 Nm (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded -		0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note		Note max. current of terminal (41 A) when using WQV!

Ordering data

Version	Type	Qty.	Order No.
yellow/black	WDU 2.5 GE/SW	100	**2429520000**
Note			

Type	Qty.	Order No.
WDU 4 GE/SW	100	**1020190000**
Rated voltage is 400 V when using the ZQV cross-connector		

Accessories

	Type	current	Qty.	Order No.
Pluggable cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole				
10-pole				
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
Blue	WAP 2.5-10 BL		50	**1050080000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Testing / Checking				
Standard	WTA 2 WDU2.5-10		25	**1632320000**
With assembly peg	WTA 2/ZA WDU2.5-10		25	**1632330000**
Cover				
Blank, yellow	WAD 5 MC NE GE		48	**1112920000**
Blank, white	WAD 5 MC NE WS		48	**1112910000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WQV 4/2	32 A	50	**1051960000**
WQV 4/10	41 A	20	**1052060000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/2		100	**1061200000**
WTA 3 WDU4		25	**1632350000**
WTA 3/ZA WDU4		25	**1632360000**
WAD 5 MC NE GE		48	**1112920000**
WAD 5 MC NE WS		48	**1112910000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2,8 1056400000.

	WDU 16	16 mm²	WDU 16N	16 mm²
Width/Height/Depth mm	11.9 x 60 x 62.5		12 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**101 / 25**		**101 / 25**	
Max. clamping range mm²	**0.82...25**		**1.5...25**	

Technical data

	WDU 16				WDU 16N			
Rated data								
Rated voltage V	IEC 60947-7-1				IEC 60947-7-1			
Rated current A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section mm²	1000				690	600		
Rated impulse withstand voltage / Pollution severity	76				76	70		
Gauge to IEC 60947-1 / UL 94 flammability rating	16				16	AWG 14...6		
Approvals			8 kV / 3				8 kV / 3	
			B7 / V-0				B7 / V-0	
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...25				1.5...16 / 1.5...25			
Tightening torque range (terminal screw)	1.5...25 / 1.5...16				1.5...16 / 1.5...16			
Stripping length / Blade size mm/-	3...4 Nm (M 5)				1.2...2.4 Nm (M 4)			
2 conductors with same cross-section (H05V/H07V)	16 / 1.0 x 5.5 mm				12 / 1.0 x 5.5 mm			
Solid / Stranded -								
Flexible / Flexible with ferrule mm²	1.5...4 / 1.5...4							
Note								

Ordering data

	WDU 16			WDU 16N		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
yellow/black	WDU 16 GE/SW	50	**2000040000**	WDU 16N GE/SW	50	**2000050000**
Note						

Accessories

	WDU 16				WDU 16N			
Screwable cross-connection	**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
2-pole	WQV 16/2	76 A	50	**1053260000**	WQV 16N/2	76 A	50	**1636560000**
3-pole								
4-pole					WQV 16N/4	76 A	50	**1636580000**
10-pole	WQV 16/10	76 A	10	**1053360000**				
End plate / Partition plate								
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WTW EN		20	**1058800000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**				
End bracket								
dark beige	WEW 35/1		50	**1059000000**	WEW 35/2		100	**1061200000**
Cover								
With lightning flash symbol	WAD 12 M.BL.		50	**1055960000**	WAD 12N GE BED		50	**1073200000**
Blank, white	WAD 12 NEUTRAL		50	**1056260000**	WAD 12N WS		50	**1073290000**
Additional connection								
4 mm²								
10 mm²								
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 10/12 MC NE WS		300	**1905970000**
Testing / Checking								
Standard					WTA 2 WDU2.5-10		25	**1632320000**

For detailed information on other accessories and application in the online catalogue

WDU 35 — 35 mm²

16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
125			
35			
	8 kV / 3		
	B8 / V-0		

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm (M 6)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WDU 35 GE/SW	40	**2000060000**

Type	current	Qty.	Order No.
WQV 35/2	135 A	50	**1053060000**
WQV 35/10	112 A	10	**1053160000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/1		50	**1059000000**
WAD 12 M.BL.		50	**1055960000**
WAD 12 NEUTRAL		50	**1056260000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

WDU 35N — 35 mm²

16 x 66 x 50.5
150 / 50
2.5...50

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
125			
35			
	6 kV / 3		
	B8 / V-0		

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm (M 6)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WDU 35N GE/SW	20	**2000090000**

Type	current	Qty.	Order No.
WQV 35N/2	135 A	20	**1079200000**
WQV 35N/4	101 A	20	**1079400000**
WTW EN		20	**1058800000**
WEW 35/2		100	**1061200000**
WAD 16N GE BED		50	**1083600000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

WDU 50N — 50 mm²

18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
150			
50			
	8 kV / 3		
	B10 / V-0		

Rated connection	Further connection
6...16 / 6...70	
10...50 / 6...50	
3.5...6 Nm (M 6)	
24 / S4 (DIN 6911)	

Type	Qty.	Order No.
WDU 50N GE/SW	10	**2000080000**

Type	current	Qty.	Order No.
WQV 50N/2	150 A	5	**1834060000**
WQV 50N/3	150 A	5	**1834070000**
WQV 50N/4	150 A	5	**1834080000**
WEW 35/1		50	**1059000000**
WAD 20 GE WSD		10	**9512260000**
WZAD 50N		5	**1872720000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

Shielding and earthing
Screw connection

		WDU 70N/35	70 mm²	WDU 95N/120N	120 mm²
Width/Height/Depth	mm	20.5 x 75 x 85		27 x 91 x 90	
max. current / max. cond. cross-section	A/mm²	**232 / 95**		**290 / 150**	
Max. clamping range	mm²	**16...95**		**16...150**	

Technical data

		WDU 70N/35				WDU 95N/120N			
Rated data		IEC 60947-7-1				IEC 60947-7-1			
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	1000	600			1000			
Rated current	A	192	150			269			
for wire cross-section	mm²	70	AWG 6...0			120			
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			B11 / V-0				B13 / V-0		
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**	**Further connection**			**Rated connection**	**Further connection**		
Solid / Stranded	mm²	16...16 / 16...95				16...16 / 16...150			
Flexible / Flexible with ferrule	mm²	16...70 / 16...70				16...120 / 16...95			
Tightening torque range (terminal screw)		8...12 Nm (M 8)				12...20 Nm (M 10)			
Stripping length / Blade size	mm/-	22 / S6 (DIN 6911)				27 / S6 (DIN 6911)			
2 conductors with same cross-section (H05V/H07V)									
Solid / Stranded	-								
Flexible / Flexible with ferrule	-								
Note									

Ordering data

		WDU 70N/35			WDU 95N/120N		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	yellow/black	WDU 70N/35 GE/SW	10	**2000100000**	WDU 95N/120N GE/SW	5	**2000110000**
Note							

Accessories

		WDU 70N/35				WDU 95N/120N			
Screwable cross-connection		**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
	2-pole	WQV 70N/2	192 A	5	**9512240000**	WQV 95N/120N/2	269 A	5	**1826890000**
	3-pole	WQV 70N/3	192 A	5	**9512250000**	WQV 95N/120N/3	269 A	5	**1826900000**
	4-pole	WQV 70N/4	192 A	5	**9531290000**	WQV 95N/120N/4	269 A	5	**1826910000**
End bracket									
	dark beige	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Cover									
	With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**	WAD 20 GE WSD		10	**9512260000**
Additional connection									
	10 mm²	WZAD 70N		5	**1964830000**	WZAD 95N/120N		5	**1859580000**
Identification systems									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

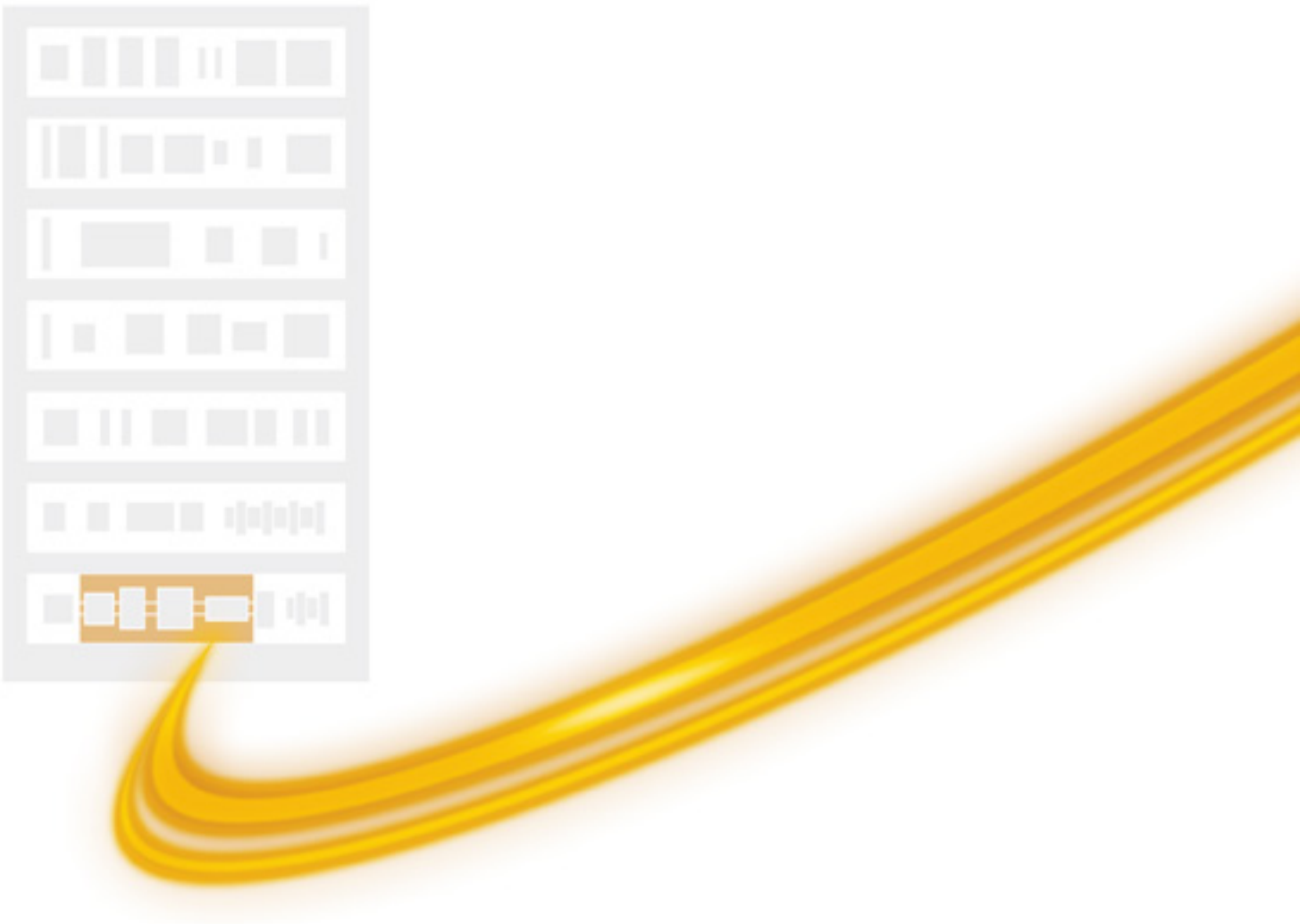
Compact planning, structured wiring

Klippon® Connect makes your installation wiring more effective

Installation wiring poses particular challenges in terms of the design of terminal blocks. The solutions need to be both economical and compact. Simple handling and clarity also need to be guaranteed. Installation distribution and small distributors offer little space for wiring. Our terminal blocks for building installations meet all requirements here. For example, the PUSH IN technology allows a particularly compact design while retaining its clarity, thus enabling simple and safe wiring of your building infrastructure.

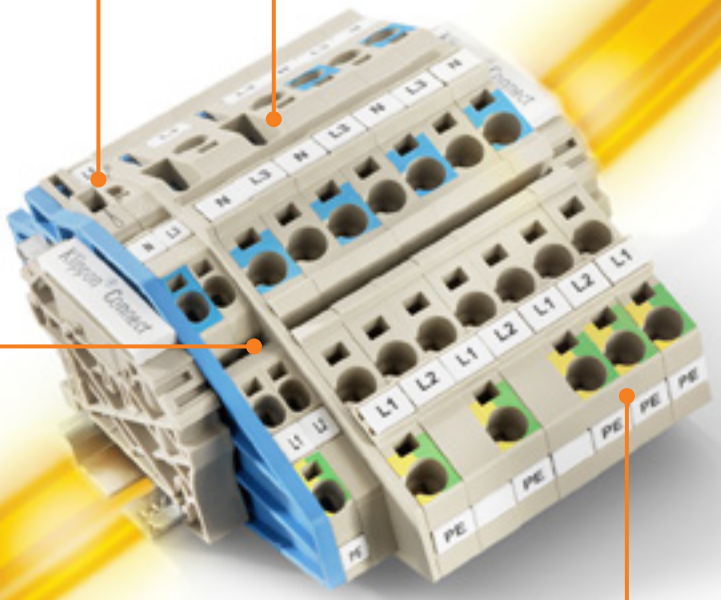
Our promise

Our terminal blocks open up added-value options when it comes to wiring your building infrastructure. Thanks to the wide product range and the comfortable handling of the PUSH IN terminal blocks, Klippon® Connect helps improve flexibility and efficiency even from the planning phase.



Space saving
- Really compact design of PUSH IN terminal blocks
- Neutral busbars for all terminals at the same level
- Simple handling: asymmetric structure of the PUSH IN terminal blocks enables a neutral conductor to be bypassed

Time saving
- Simple configuration and ordering of terminal strips using the Weidmüller Configurator
- More flexibility: it is simple to replace the PDL PUSH IN terminal blocks in the group
- The screwless N-separator slides to save time
- Cross-connections possible despite compact design



Flexibility
- 3-phase cross-connection system with L1, L2 and L3 potentials within a terminal strip
- High current-carrying capacity despite compact size
- Thanks to the disconnector slider, insulation can be tested without disconnecting the neutral connector

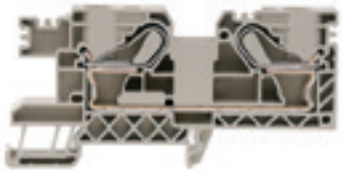
Safety
- Quick and safe: protection against accidental actuation
- PE contact foot with automatic contacting via terminal rail
- Single power circuit separation acc. to VDE 0100/718
- In complianced with VDE 0100/0810 wiring and connection requirements for distribution systems in public buildings

Our range

The right solution for every requirement:
For building installation, we offer a perfectly tailored overall system based on 10×3 copper rails. These consist of installation, distribution and neutral conductor terminals in various connection technologies and an extensive range of accessories.

More effective wiring with PUSH IN:
Our PUSH IN terminal blocks for building and plant installation are impressively easy to handle and very flexible. This comprehensive range covers all the important terminal block functions and offers you significant benefits in all processes. You will benefit from reduced installation times, as well as increased performance data and clarity, thanks to the compact design.

PDU 16S — 16 mm²



Width/Height/Depth	12.1 x 96.5 x 47.5
max. current / max. cond. cross-section	**/ 16**
Max. clamping range	**2.5...16**

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800			
Rated current	A	76			
for wire cross-section	mm²	16			
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				B6 / V-0	
Approvals					

Clamped conductors (H05V/H07V)		Rated connection
Solid / Stranded	mm²	2.5...16
Flexible / Flexible with ferrule	mm²	2.5...16 / 2.5...16
Twin wire-end ferrule	-	
Stripping length / Blade size	mm/-	18 / 1.0 x 5.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	PDU 16S	25	**1139580000**

Note

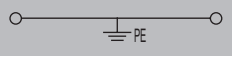
Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 16/2	76 A	25	**1739690000**
End plate / Partition plate				
dark beige	PAP PDU16S		10	**1139910000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SL 1.0X5.5X125		1	**1274680000**
Cover				
With lightning flash symbol	PAD 16/4		80	**1916170000**
Identification systems				
	WS 12/8 PLUS MC NE WS		420	**1906000000**

For detailed information on other accessories and application in the online catalogue

PPE 16S — 16 mm²

Width/Height/Depth	mm	12.1 x 96.5 x 47.5
max. current / max. cond. cross-section	-/mm²	/ 16
Max. clamping range	mm²	2.5...16



Technical data

IEC 60947-7-2

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	16			
Rated voltage to adjoining terminal V	800			
Rated impulse withstand voltage to adjacent terminal kV	8			
Rated short-time current		1920 A (16 mm²)		
Pollution severity		3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	2.5...16
Flexible / Flexible with ferrule mm²	2.5...16 / 2.5...16
Blade size	1.0 x 5.5 mm

Note	

Ordering data

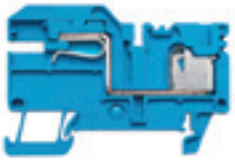
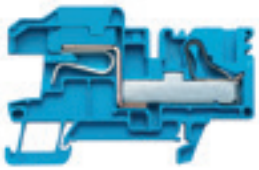
Version	Type	Qty.	Order No.
green/yellow Wemid	PPE 16S	10	1139570000

Note	

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 16/2	76 A	25	1739690000
End plate / Partition plate				
dark beige	PAP PDU16S		10	1139910000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SL 1.0X5.5X125		1	1274680000
Cover				
With lightning flash symbol	PAD 16/4		80	1916170000
Identification systems				
	WS 10/12 MC NE WS		300	1905970000

For detailed information on other accessories and application in the online catalogue	

	PNT 2.5/4	4 mm²	PNT 6/10	10 mm²
	PUSH IN		PUSH IN	
				
Width/Height/Depth mm	5.1 x 63.5 x 47.75		8.1 x 72.5 x 46	
max. current / max. cond. cross-section -/mm²	/ 6		/ 10	
Max. clamping range mm²	0.08...6		1.5...10	

Technical data

	PNT 2.5/4				PNT 6/10			
Rated data								
	In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	250				250			
Rated current A	32				41			
for wire cross-section mm²	4				10			
Rated impulse withstand voltage / Pollution severity			4 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A4 / V-0	
Approvals	CE BL				CE BL KEMA			
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	0.5...6				1.5...6			
Flexible / Flexible with ferrule mm²	2.5...4 / 0.5...4				1.5...10 / 1.5...10			
Twin wire-end ferrule -	...1.5							
Stripping length / Blade size mm/-	12 / 3.0 x 0.5 mm				14 / 0.6 x 3.5 mm			
Note								

Ordering data

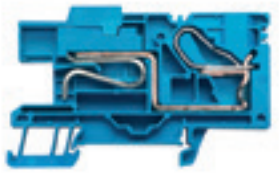
	PNT 2.5/4			PNT 6/10		
Version						
blue Wemid	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	PNT 2.5/4	50	**1896360000**	PNT 6/10	25	**1896370000**
Note						

Accessories

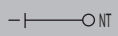
	PNT 2.5/4				PNT 6/10			
Pluggable cross-connection								
2-pole	**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
3-pole	ZQV 2.5/2		60	**1608860000**	ZQV 6N/2		60	**1906210000**
4-pole	ZQV 2.5/3	24 A	60	**1608870000**	ZQV 6N/3		60	**1906220000**
10-pole	ZQV 2.5/4	24 A	60	**1608880000**	ZQV 6N/4		60	**1906230000**
20-/24-pole	ZQV 2.5/10	24 A	20	**1608940000**				
Support bracket for 10 x 3 (required every 20 cm)	ZQV 2.5/20	24 A	20	**1908960000**	ZQV 6N/20		20	**1906240000**
Blue								
For a vertical installation position	PHP PNT 2.5/4		20	**1896390000**	PHP PNT 6/10		10	**1896100000**
End bracket	PHP PNT 2.5/4 SO		20	**1916790000**	PHP PNT 6/10 SO		10	**1919710000**
dark beige								
Screwdriver	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Standard								
Busbar 10 x 3 (140 A)	SDS 0.5X3.0X80		1	**9008320000**	SDS 0.5X3.0X80		1	**9008320000**
Ok, busbar up to Ok, TS 35 = 25.5 mm								
Clamping yoke for power supply to 10 x 3 busbars	SSCH 10X3X1000 CU/SN		1	**0348900000**	SSCH 10X3X1000 CU/SN		1	**0348900000**
Rigid / flexible 0.5 - 6 / 4 mm²								
Rigid / flexible 6 - 16 mm²	ZF 4 S BL		50	**1814660000**	ZF 4 S BL		50	**1814660000**
Flexible 16 - 35 mm²	ZB 16K BL		50	**0502880000**	ZB 16K BL		50	**0502880000**
Identification systems	ZB 35/M6X16		20	**0266500000**	ZB 35/M6X16		20	**0266500000**
	DEK 5/5 MC NE WS		1000	**1609801044**				
	WS 10/5 MC NE WS		720	**1635000000**	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

PNT 16 — 16 mm²



12.1 x 80.5 x 49.5
/ 16
2.5...16



In accordance with IEC 60947-7-1

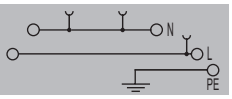
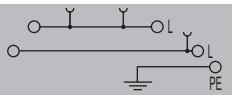
IEC	UL	CSA	EN 60079-7
400			
76			
16			
	8 kV / 3		
	B6 / V-0		

CE GL KEMA

Rated connection
2.5...16
2.5...16 / 2.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
PNT 16	10	**1896350000**

Type	current	Qty.	Order No.
PHP PNT16		10	**1896380000**
PHP PNT16 SO		10	**1919690000**
ZEW 35		20	**9540000000**
SDIS SL 1.0X5.5X125		1	**1274680000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZF 4 S BL		50	**1814660000**
ZB 16K BL		50	**0502880000**
ZB 35/M6X16		20	**0266500000**
WS 10/12 MC NE WS		300	**1905970000**

	PDL 4 N/L/PE	4 mm²	PDL 4 L/L/PE	4 mm²
Width/Height/Depth mm	5.1 x 100 x 48.35		5.1 x 100 x 48.5	
max. current / max. cond. cross-section -/mm²	/ 4		/ 4	
Max. clamping range mm²	0.08...4		0.08...4	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	400	300	300	
Rated current A	32	17	20	
for wire cross-section mm²	4	AWG 28...10	AWG 28...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule mm²	0.5...1.5			
Stripping length / Blade size mm/-	12 / 3.0 x 0.5 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	400	300	300	
Rated current A	32	17	20	
for wire cross-section mm²	4	AWG 28...10	AWG 28...10	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule mm²	0.5...1.5			
Stripping length / Blade size mm/-	12 / 3.0 x 0.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	PDL 4/N/L/PE	50	1899180000
Note			

Version	Type	Qty.	Order No.
dark beige Wemid	PDL 4/L/L/PE	50	1882610000
Note			

Accessories

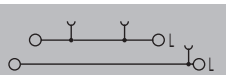
Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	PAP PDL4		20	1883210000
End bracket				
dark beige	ZEW 35/2		20	8630740000
Screwdriver				
Standard	SDIS 0.4X2.5X75		1	9008370000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	PAP PDL4		20	1883210000
End bracket				
dark beige	ZEW 35/2		20	8630740000
Screwdriver				
Standard	SDIS 0.4X2.5X75		1	9008370000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue

PDL 4 L/L — 4 mm²

5.1 x 100 x 48.5
/ 4
0.08...4



IEC	UL	CSA	EN 60079-7
400	150	300	
32	17	20	
4	AWG 28...10	AWG 28...10	
	6 kV / 3		
	A3 / V-0		

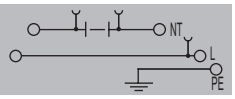
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4/L/L	50	1882590000

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PDL4		20	1883210000
ZEW 35/2		20	8630740000
SDIS 0.4X2.5X75		1	9008370000
DEK 5/5 MC NE WS		1000	1609801044

PDL 4 NT/L/PE — 4 mm²

5.1 x 100 x 48.35
/ 4
0.08...4



IEC	UL	CSA	EN 60079-7
400	300	300	
20	17	20	
4	AWG 28...10	AWG 28...10	
	6 kV / 3		
	A3 / V-0		

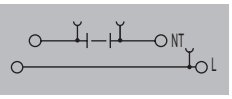
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4/NT/L/PE	50	1882620000

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PDL4		20	1883210000
ZEW 35/2		20	8630740000
SDIS 0.4X2.5X75		1	9008370000
DEK 5/5 MC NE WS		1000	1609801044

PDL 4 NT/L — 4 mm²

5.1 x 100 x 48.35
/ 4
0.08...4

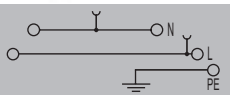


IEC	UL	CSA	EN 60079-7
400	150	300	
20	17	20	
4	AWG 28...10	AWG 28...10	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4/NT/L	50	1882600000

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PDL4		20	1883210000
ZEW 35/2		20	8630740000
SDIS 0.4X2.5X75		1	9008370000
DEK 5/5 MC NE WS		1000	1609801044

	PDL 4 S/L	4 mm²	PDL 4 S/N/L/PE	4 mm²
	PUSH IN		PUSH IN	
Width/Height/Depth mm	5.1 x 100 x 48		5.1 x 100 x 48	
max. current / max. cond. cross-section A/mm²	**36 / 4**		**36 / 4**	
Max. clamping range mm²	**0.08...4**		**0.08...4**	

Technical data

Rated data		IEC 60947-7-1				IEC 60947-7-1 (-7-2)			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	400				400			
Rated current	A	32				32			
for wire cross-section	mm²	4				4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0				A3 / V-0	
Approvals		CE KEMA				CE KEMA			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Twin wire-end ferrule	mm²	0.5...1.5				0.5...1.5			
Stripping length / Blade size	mm/-	12 / 3.0 x 0.5 mm				12 / 3.0 x 0.5 mm			
Note									

Ordering data

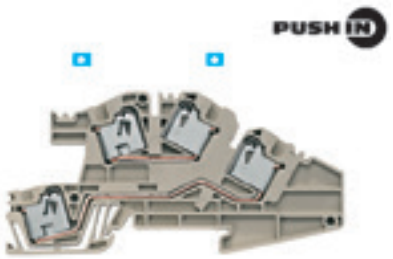
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	PDL 4 S/L	50	**1847610000**	PDL 4 S/N/L/PE	50	**1837050000**
Note						

Accessories

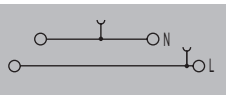
	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole	ZQV 2.5/2		60	**1608860000**	ZQV 2.5/2		60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate								
dark beige	PAP PDL4S		20	**1837070000**	PAP PDL4S		20	**1837070000**
Support bracket for 10 x 3 (required every 20 cm)								
Blue	PHP PDL		20	**1837090000**	PHP PDL		20	**1837090000**
For a vertical installation position	PHP PDL SO		20	**1837080000**	PHP PDL SO		20	**1837080000**
End bracket								
dark beige	ZEW 35/2		20	**8630740000**	ZEW 35/2		20	**8630740000**
Screwdriver								
Standard	SDIS 0.4X2.5X75		1	**9008370000**	SDIS 0.4X2.5X75		1	**9008370000**
Busbar 10 x 3 (140 A)								
Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	**0348900000**	SSCH 10X3X1000 CU/SN		1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars								
Rigid / flexible 0.5 - 6 / 4 mm²	ZF 4 S BL		50	**1814660000**	ZF 4 S BL		50	**1814660000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	**0316600000**	ZB 16 ZKSC		50	**0316600000**
Flexible 16 - 35 mm²	ZB 35/M6X16		20	**0266500000**	ZB 35/M6X16		20	**0266500000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

PDL 4 S/N/L — 4 mm²



5.1 x 100 x 48
36 / 4
0.08...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
32			
4			
	6 kV / 3		
	A3 / V-0		

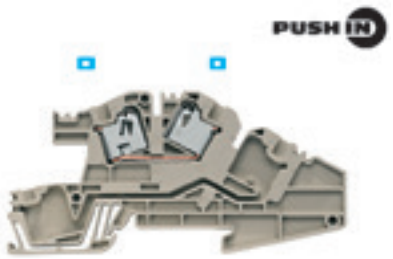
CE KEMA KEUR

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

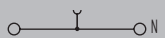
Type	Qty.	Order No.
PDL 4 S/N/L	50	1847630000

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PDL4S		20	1837070000
PHP PDL		20	1837090000
PHP PDL SO		20	1837080000
ZEW 35/2		20	8630740000
SDIS 0.4X2.5X75		1	9008370000
SSCH 10X3X1000 CU/SN		1	0348900000
ZF 4 S BL		50	1814660000
ZB 16 ZKSC		50	0316600000
ZB 35/M6X16		20	0266500000
DEK 5/5 MC NE WS		1000	1609801044

PDL 4 S/N — 4 mm²



5.1 x 100 x 48
36 / 4
0.08...4



IEC 60947-7-1

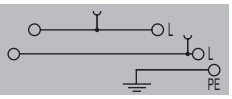
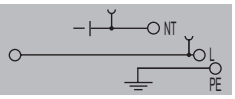
IEC	UL	CSA	EN 60079-7
400			
32			
4			
	6 kV / 3		
	A3 / V-0		

CE KEMA KEUR

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4 S/N	50	1847620000

Type	current	Qty.	Order No.
ZQV 2.5/2		60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PDL4S		20	1837070000
PHP PDL		20	1837090000
PHP PDL SO		20	1837080000
ZEW 35/2		20	8630740000
SDIS 0.4X2.5X75		1	9008370000
SSCH 10X3X1000 CU/SN		1	0348900000
ZF 4 S BL		50	1814660000
ZB 16 ZKSC		50	0316600000
ZB 35/M6X16		20	0266500000
DEK 5/5 MC NE WS		1000	1609801044

	PDL 4 S/L/L/PE	4 mm²	PDL 4 S/NT/L/PE	4 mm²
	PUSH IN		PUSH IN	
Width/Height/Depth mm	5.1 x 100 x 48		5.1 x 100 x 48	
max. current / max. cond. cross-section A/mm²	**36 / 4**		**36 / 4**	
Max. clamping range mm²	**0.08...4**		**0.08...4**	

Technical data

	PDL 4 S/L/L/PE	PDL 4 S/NT/L/PE
Rated data	IEC 60947-7-1 (-7-2)	In accordance with IEC 60947-7-1
	IEC / UL / CSA / EN 60079-7	**IEC / UL / CSA / EN 60079-7**
Rated voltage V	400	400
Rated current A	32	32
for wire cross-section mm²	4	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	CE KEMA	CE
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Twin wire-end ferrule mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size mm/-	12 / 3.0 x 0.5 mm	12 / 3.0 x 0.5 mm
Note		

Ordering data

	PDL 4 S/L/L/PE			PDL 4 S/NT/L/PE		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige Wemid	PDL 4 S/L/L/PE	50	**1837040000**	PDL 4 S/NT/L/PE	50	**1837060000**
Note						

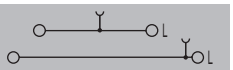
Accessories

	PDL 4 S/L/L/PE				PDL 4 S/NT/L/PE			
Pluggable cross-connection	**Type**	**current**	**Qty.**	**Order No.**	**Type**	**current**	**Qty.**	**Order No.**
2-pole	ZQV 2.5/2		60	**1608860000**	ZQV 2.5/2		60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate								
dark beige	PAP PDL4S		20	**1837070000**	PAP PDL4S		20	**1837070000**
Support bracket for 10 x 3 (required every 20 cm)								
Blue	PHP PDL		20	**1837090000**	PHP PDL		20	**1837090000**
For a vertical installation position	PHP PDL SO		20	**1837080000**	PHP PDL SO		20	**1837080000**
End bracket								
dark beige	ZEW 35/2		20	**8630740000**	ZEW 35/2		20	**8630740000**
Screwdriver								
Standard	SDIS 0.4X2.5X75		1	**9008370000**	SDIS 0.4X2.5X75		1	**9008370000**
Busbar 10 x 3 (140 A)								
Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	**0348900000**	SSCH 10X3X1000 CU/SN		1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars								
Rigid / flexible 0.5 - 6 / 4 mm²	ZF 4 S BL		50	**1814660000**	ZF 4 S BL		50	**1814660000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	**0316600000**	ZB 16 ZKSC		50	**0316600000**
Flexible 16 - 35 mm²	ZB 35/M6X16		20	**0266500000**	ZB 35/M6X16		20	**0266500000**
Identification systems								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

PDL 4 S/L/L — 4 mm²

5.1 x 100 x 48
36 / 4
0.08...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
32			
4			
	6 kV / 3		
	A3 / V-0		

CE KEMA KEUR

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4 S/L/L	50	**1837030000**

Type	current	Qty.	Order No.
ZQV 2.5/2		60	**1608860000**
ZQV 2.5/3	24 A	60	**1608870000**
ZQV 2.5/4	24 A	60	**1608880000**
ZQV 2.5/10	24 A	20	**1608940000**
PAP PDL4S		20	**1837070000**
PHP PDL		20	**1837090000**
PHP PDL SO		20	**1837080000**
ZEW 35/2		20	**8630740000**
SDIS 0.4X2.5X75		1	**9008370000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZF 4 S BL		50	**1814660000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**

	PDL 6 S/L/L/PE	6 mm²	PDL 6 S/L/L	6 mm²
Width/Height/Depth mm	8.1 x 118.5 x 52.5		8.1 x 118.5 x 52.5	
max. current / max. cond. cross-section -/mm²	/ 6		/ 6	
Max. clamping range mm²	1.5...6		1.5...6	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	400			
Rated current A	41			
for wire cross-section mm²	6			
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0		
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	1.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	1.5...6 / 1.5...6			
Stripping length / Blade size mm/-	14 /			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	400			
Rated current A	41			
for wire cross-section mm²	6			
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0		
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	1.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	1.5...6 / 1.5...6			
Stripping length / Blade size mm/-	14 /			
Note				

Ordering data

Version	Type	Qty.	Order No.
	PDL 6 S/L/L/PE	25	**1411330000**
Note			

Version	Type	Qty.	Order No.
	PDL 6 S/L/L	25	**1411310000**
Note			

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
3-pole	ZQV 6/3 GE	41 A	60	**1627860000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
20-/24-pole	ZQV 6/24 GE	41 A	10	**1908990000**
	ZQV 6/32 GE		10	**1733640000**
End bracket		current		
black	ZEW 35/2 SW		20	**1162610000**
Screwdriver				
Standard	SDIS 0.5X3.0X100		1	**9008380000**
Busbar 10 x 3 (140 A)				
Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	**0348900000**

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
3-pole	ZQV 6/3 GE	41 A	60	**1627860000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
20-/24-pole	ZQV 6/24 GE	41 A	10	**1908990000**
	ZQV 6/32 GE		10	**1733640000**
End bracket		current		
black	ZEW 35/2 SW		20	**1162610000**
Screwdriver				
Standard	SDIS 0.5X3.0X100		1	**9008380000**
Busbar 10 x 3 (140 A)				
Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	**0348900000**

For detailed information on other accessories and application in the online catalogue

PDL 6 S/NT/L/PE — 6 mm²

8.1 x 118.5 x 52.5
/ 6
1.5...6

IEC	UL	CSA	EN 60079-7
400			
39			
6			
	6 kV / 3		
	/ V-0		
Rated connection			
1.5...6 / 1.5...6			
1.5...6 / 1.5...6			
14 /			

Type	Qty.	Order No.
PDL 6 S/NT/L/PE	25	**1411320000**

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	**1627850000**
ZQV 6/3 GE	41 A	60	**1627860000**
ZQV 6/4 GE	41 A	60	**1627870000**
ZQV 6/24 GE	41 A	10	**1908990000**
ZQV 6/32 GE		10	**1733640000**
	current		
ZEW 35/2 SW		20	**1162610000**
SDIS 0.5X3.0X100		1	**9008380000**
SSCH 10X3X1000 CU/SN		1	**0348900000**

PDL 6 S/N/L/PE — 6 mm²

8.1 x 118.5 x 52.5
/ 6
1.5...6

IEC	UL	CSA	EN 60079-7
400			
41			
6			
	6 kV / 3		
	/ V-0		
Rated connection			
1.5...6 / 1.5...6			
1.5...6 / 1.5...6			
14 /			

Type	Qty.	Order No.
PDL 6 S/N/L/PE	25	**1411340000**

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	**1627850000**
ZQV 6/3 GE	41 A	60	**1627860000**
ZQV 6/4 GE	41 A	60	**1627870000**
ZQV 6/24 GE	41 A	10	**1908990000**
ZQV 6/32 GE		10	**1733640000**
	current		
ZEW 35/2 SW		20	**1162610000**
SDIS 0.5X3.0X100		1	**9008380000**
SSCH 10X3X1000 CU/SN		1	**0348900000**

ZDU 2.5 S — 2.5 mm²

Two connections

ZDU 4 S — 4 mm²

Two connections

		ZDU 2.5 S	ZDU 4 S
Width/Height/Depth	mm	5.1 x 61 x 43.15	6.1 x 64.2 x 45.5
max. current / max. cond. cross-section	A/mm²	**24 / 4**	**32 / 6**
Max. clamping range	mm²	**0.5...4**	**0.5...6**

Technical data

Rated data		ZDU 2.5 S	ZDU 4 S
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-		

ZDU 2.5 S			
IEC	UL	CSA	EN 60079-7
400			
24			
2.5			
		6 kV / 3	
		A2 / V-0	
CE			

ZDU 4 S			
IEC	UL	CSA	EN 60079-7
400			
32			
4			
		6 kV / 3	
		A3 / V-0	
CE			

Rated connection	ZDU 2.5 S	ZDU 4 S
	0.5...4	0.5...6
	0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Note	ZDU 2.5 S	ZDU 4 S
	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version	ZDU 2.5 S	Qty.	Order No.
dark beige Wemid	ZDU 2.5 S	100	**1808010000**
blue Wemid	ZDU 2.5 S BL	100	**1808020000**

Note	ZDU 2.5 S	ZDU 4 S
	The distance from holding plate to holding plate should be 200 mm.	The distance from holding plate to holding plate should be 200 mm.

Version	ZDU 4 S	Qty.	Order No.
	ZDU 4 S	100	**1808360000**
	ZDU 4 S BL	100	**1808370000**

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 2.5/2		60	**1608860000**
3-pole	ZQV 2.5/3	24 A	60	**1608870000**
4-pole	ZQV 2.5/4	24 A	60	**1608880000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
20-/24-pole	ZQV 2.5/20	24 A	20	**1908960000**
End plate / Partition plate				
dark beige	ZAP ZDU 2.5 S		20	**1808030000**
Blue	ZAP ZDU 2.5 S BL		20	**1808040000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue	ZHP S		20	**1808290000**
For a vertical installation position	ZHP S SO		20	**1808280000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SL 1.0X5.5X125		1	**1274680000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

Pluggable cross-connection	Type	current	Qty.	Order No.
	ZQV 4/2 GE	32 A	60	**1608950000**
	ZQV 4/3 GE	32 A	60	**1608960000**
	ZQV 4/4 GE	32 A	60	**1608970000**
	ZQV 4/10 GE	32 A	20	**1609030000**
	ZQV 4/20 GE	32 A	20	**1909010000**
	ZAP ZDU 4 S		20	**1808380000**
	ZAP ZDU 4 S BL		20	**1808390000**
	ZHP S		20	**1808290000**
	ZHP S SO		20	**1808280000**
	ZEW 35		20	**9540000000**
	SDIS SL 0.6X3.5X100		1	**1274660000**
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/6 MC NE WS		600	**1828450000**

For detailed information on other accessories and application in the online catalogue

ZDU 6S — 6 mm²

Two connections

8.1 x 64.35 x 49.2
41 / 10
0.5…10

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
41			
6			
	6 kV / 3		
	A5 / V-0		

CE

Rated connection
0.5…10
0.5…10 / 0.5…6
12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 6 S	100	1808230000
ZDU 6 S BL	100	1808240000

The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZQV 6/24 GE	41 A	10	1908990000
ZAP ZDU 6 S		20	1808250000
ZAP ZDU 6 S BL		20	1808260000
ZHP S		20	1808290000
ZHP S SO		20	1808280000
ZEW 35		20	9540000000
SDIS SL 0.8X4.0X100		1	1274670000
DEK 5/8 MC NE WS		800	1856740000
WS 10/6 MC NE WS		600	1828450000

ZDU 10/S — 10 mm²

Two connections

10 x 86.5 x 48
76 / 16
1.3…16

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
57	60	55	
10	AWG 16…6	AWG 16…6	
	6 kV / 3		
	A6 / V-0		

CE

Rated connection
1.5…16 / 1.5…16
1.5…10 / 1.5…10
18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 10S	25	1739540000
ZDU 10S BL	25	1739550000

The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZQV 10/2		25	1739680000
ZAP ZDU10/16S		20	1739660000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
DEK 5/5 MC NE WS		1000	1609801044

ZDU 16/S — 16 mm²

Two connections

12 x 95 x 48
76 / 25
1.5…25

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
76	65	65	
16	AWG 14…4	AWG 14…4	
	6 kV / 3		
	A7 / V-0		

CE

Rated connection
1.5…16 / 16…25
1.5…16 / 1.5…16
18 / 1.0 x 5.5 mm

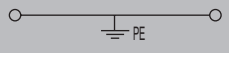
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

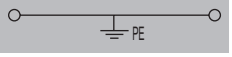
Type	Qty.	Order No.
ZDU 16S	25	1739580000
ZDU 16S BL	25	1739590000

The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	1739690000
ZAP ZDU10/16S		20	1739660000
ZEW 35		20	9540000000
SDIS SL 1.0X5.5X125		1	1274680000
DEK 5/5 MC NE WS		1000	1609801044

	ZPE 2.5 S	ZPE 4 S
	2.5 mm²	4 mm²
	Two connections	Two connections
Width/Height/Depth mm	5.1 x 62.5 x 43.15	6.1 x 65.5 x 45.5
max. current / max. cond. cross-section -/mm²	/ 4	/ 6
Max. clamping range mm²	0.5...4	0.5...6





Technical data

	ZPE 2.5 S	ZPE 4 S
Rated data		
Rated voltage V	IEC 60947-7-2	IEC 60947-7-2
for wire cross-section mm²	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
	400	400
	2.5	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0	A3 / V-0
Approvals	CE	CE
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4	0.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...4
Twin wire-end ferrule -		
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version	Type	Qty.	Order No.
green/yellow Wemid	ZPE 2.5 S	100	1808330000
Note	The distance from holding plate to holding plate should be 200 mm.		

Version	Type	Qty.	Order No.
green/yellow Wemid	ZPE 4 S	100	1808340000
Note	The distance from holding plate to holding plate should be 200 mm.		

Accessories

	Type	current	Qty.	Order No.
End plate / Partition plate	ZAP ZDU 2.5 S		20	1808030000
dark beige				
Support bracket for 10 x 3 (required every 20 cm)				
Blue	ZHP S		20	1808290000
For a vertical installation position	ZHP S SO		20	1808280000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

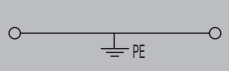
	Type	current	Qty.	Order No.
End plate / Partition plate	ZAP ZDU 4 S		20	1808380000
dark beige				
Support bracket for 10 x 3 (required every 20 cm)				
Blue	ZHP S		20	1808290000
For a vertical installation position	ZHP S SO		20	1808280000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SL 0.6X3.5X100		1	1274660000
Identification systems				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 10/6 MC NE WS		600	1828450000

For detailed information on other accessories and application in the online catalogue

ZPE 6 S — 6 mm²

Two connections

8.1 x 65.5 x 49.2
/ 10
0.5...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
400			
6			
6 kV		/ 3	
A5 / V-0			

CE

Rated connection
0.5...10
0.5...10 / 0.5...6

12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZPE 6 S	100	**1808350000**

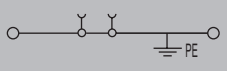
The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZAP ZDU 6 S		20	**1808250000**
ZHP S		20	**1808290000**
ZHP S SO		20	**1808280000**
ZEW 35		20	**9540000000**
SDIS SL 0.6X3.5X100		1	**1274660000**
DEK 5/8 MC NE WS		800	**1856740000**
WS 10/6 MC NE WS		600	**1828450000**

ZPE 10/S — 10 mm²

Two connections

10 x 86.5 x 48
/ 16
1.3...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
400			
10	AWG 16...6	AWG 16...6	
6 kV		/ 3	
A6 / V-0			

CE

Rated connection
1.5...16 / 1.5...16
1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZPE 10S	25	**1739570000**

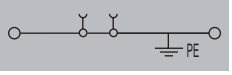
The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZAP ZDU10/16S		20	**1739660000**
ZEW 35		20	**9540000000**
SDIS SL 1.0X5.5X125		1	**1274680000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**

ZPE 16/S — 16 mm²

Two connections

12 x 95 x 48
/ 25
1.5...25



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
400			
16	AWG 14...6	AWG 14...4	
6 kV		/ 3	
A7 / V-0			

CE

Rated connection
1.5...16 / 16...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16S	25	**1739610000**

The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZAP ZDU10/16S		20	**1739660000**
ZEW 35		20	**9540000000**
SDIS SL 1.0X5.5X125		1	**1274680000**
DEK 5/5 MC NE WS		1000	**1609801044**

	ZNT 6 S	ZNT 10 S
	6 mm²	10 mm²
	Two connections	Two connections
Width/Height/Depth mm	8.1 x 64.35 x 49.2	10 x 86.5 x 49.5
max. current / max. cond. cross-section A/mm²	**41 / 10**	**/ 16**
Max. clamping range mm²	**0.5...10**	**1.3...16**

Technical data

	ZNT 6 S	ZNT 10 S
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
Rated voltage V	250	400
Rated current A	41	57
for wire cross-section mm²	6	10
Rated impulse withstand voltage / Pollution severity	4 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A6 / V-0
Approvals	CE	CE
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...10	1.5...16 / 1.5...16
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6	1.5...10 / 1.5...10
Twin wire-end ferrule -		
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	18 / 1.0 x 5.5 mm
Note	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid						
blue Wemid	ZNT 6 S	50	**1808320000**	ZNT 10S	25	**1739560000**
Note	The distance from holding plate to holding plate should be 200 mm.			The distance from holding plate to holding plate should be 200 mm.		

Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection	ZQV 6/2 GE	41 A	60	**1627850000**	ZQV 16/2	76 A	25	**1739690000**
2-pole	ZQV 6/3 GE	41 A	60	**1627860000**				
3-pole	ZQV 6/4 GE	41 A	60	**1627870000**				
4-pole	ZQV 6/24 GE	41 A	10	**1908990000**				
20-/24-pole								
End plate / Partition plate	ZAP ZDU 6 S		20	**1808250000**	ZAP ZDU10/16S		20	**1739660000**
dark beige	ZAP ZDU 6 S BL		20	**1808260000**				
Blue								
Support bracket for 10 x 3 (required every 20 cm)	ZHP S		20	**1808290000**				
Blue	ZHP S SO		20	**1808280000**				
For a vertical installation position								
End bracket								
dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Screwdriver								
Standard	SDIS SL 0.8X4.0X100		1	**1274670000**	SDIS SL 1.0X5.5X125		1	**1274680000**
Busbar 10 x 3 (140 A)								
Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	**0348900000**	SSCH 10X3X1000 CU/SN		1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars								
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4K BL		50	**0475380000**	ZB 4K BL		50	**0475380000**
Rigid / flexible 6 - 16 mm²	ZB 16K BL		50	**0502880000**	ZB 16K BL		50	**0502880000**
Flexible 16 - 35 mm²	ZB 35K BL M6X16		20	**0502680000**	ZB 35K BL M6X16		20	**0502680000**
Identification systems								
	DEK 5/8 MC NE WS		800	**1856740000**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/6 MC NE WS		600	**1828450000**				

For detailed information on other accessories and application in the online catalogue

ZNT 16/S — 16 mm²

Two connections

12 x 95 x 49.5
76 / 25
1.5...25

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
76	58	65	
16	AWG 14...4	AWG 14...4	
	6 kV / 3		
	A7 / V-0		

Rated connection
1.5...16 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

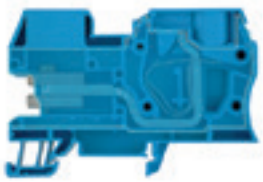
Type	Qty.	Order No.
ZNT 16S	25	**1739600000**

The distance from holding plate to holding plate should be 200 mm.

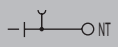
Type	current	Qty.	Order No.
ZQV 16/2	76 A	25	**1739690000**
ZAP ZDU10/16S		20	**1739660000**
ZEW 35		20	**9540000000**
SDIS SL 1.0X5.5X125		1	**1274680000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4K BL		50	**0475380000**
ZB 16K BL		50	**0502880000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**

ZNT 35 — 35 mm²

Two connections



16 x 88.5 x 58.5
125 / 35
2.5...35



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
125	120	120	
35	AWG 12...2	AWG 12...2	
	6 kV / 3		
	A8 / V-0		

Rated connection
2.5...10 / 16...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

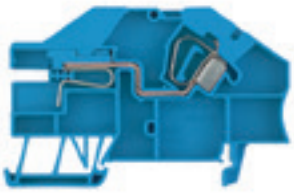
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 35	10	**1739640000**

The distance from holding plate to holding plate should be 200 mm.

Type	current	Qty.	Order No.
ZEW 35		20	**9540000000**
SDIS SL 1.0X5.5X125		1	**1274680000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4K BL		50	**0475380000**
ZB 16K BL		50	**0502880000**
ZB 35K BL M6X16		20	**0502680000**
DEK 5/5 MC NE WS		1000	**1609801044**

Integrated end plate.

	ZDU 4 NT	ZDU 10 NT
	4 mm²	10 mm²
	Modified busbar position	Modified busbar position
		
Width/Height/Depth mm	6.1 x 78.5 x 49.5	10 x 86.5 x 49.5
max. current / max. cond. cross-section A/mm²	32 / 6	57 / 16
Max. clamping range mm²	0.13...6	1.5...16

Technical data

	ZDU 4 NT	ZDU 10 NT
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
Rated voltage V	IEC 250 / UL / CSA / EN 60079-7	IEC 250 / UL / CSA / EN 60079-7
Rated current A	32	57
for wire cross-section mm²	4	10
Rated impulse withstand voltage / Pollution severity	4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A6 / V-0
Approvals	CE	CE
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6	1.5...10 / 1.5...16
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	1.5...10 / 1.5...10
Twin wire-end ferrule -		
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	18 / 1.0 x 5.5 mm
Note	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

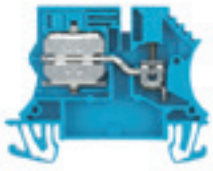
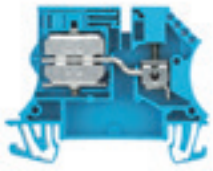
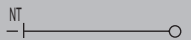
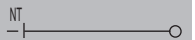
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige Wemid	ZDU 4/NT DB	50	1778080000			
blue Wemid	ZDU 4/NT	50	1757980000	ZDU 10/NT	25	1762420000
Note	Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.			Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.		

Accessories

	Type	current	Qty.	Order No.	Type	current	Qty.	Order No.
Pluggable cross-connection								
2-pole					ZQV 10/2		25	1739680000
3-pole								
4-pole								
20-/24-pole								
End plate / Partition plate								
dark beige	ZAP ZDU4/NT		20	1757970000	ZAP ZDU10/16S		20	1739660000
Blue								
Support bracket for 10 x 3 (required every 20 cm)								
Blue								
For a vertical installation position	ZHP ZDU4/NT SO		20	1803890000	ZHP ZDU4/NT SO		20	1803890000
End bracket								
dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Screwdriver								
Standard	SDIS SL 0.6X3.5X100		1	1274660000	SDIS SL 1.0X5.5X125		1	1274680000
Busbar 10 x 3 (140 A)								
Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	0348900000	SSCH 10X3X1000 CU/SN		1	0348900000
Clamping yoke for power supply to 10 x 3 busbars								
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4K BL		50	0475380000	ZB 4K BL		50	0475380000
Rigid / flexible 6 - 16 mm²	ZB 16K BL		50	0502880000	ZB 16K BL		50	0502880000
Flexible 16 - 35 mm²	ZB 35K BL M6X16		20	0502680000	ZB 35K BL M6X16		20	0502680000
Identification systems								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/6 MC NE WS		1000	1609820000
	WS 15/5 MC NE WS		480	1609880000	WS 12/5 MC NE WS		720	1609860000

For detailed information on other accessories and application in the online catalogue

	WNT 2.5	2.5 mm²	WNT 4	4 mm²
				
Width/Height/Depth mm	5.1 x 60 x 46.5		6.1 x 60 x 46.5	
max. current / max. cond. cross-section A	**32 / 4**		**41 / 6**	
Max. clamping range mm²	**0.13...4**		**0.13...6**	

Technical data

	WNT 2.5	WNT 4
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
Rated voltage to adjoining terminal -	IEC: 600 / UL: 600 / CSA: 600 / EN 60079-7	IEC: 600 / UL: 600 / CSA: 600 / EN 60079-7
Rated current A	24 / 25 / 20	32 / 35 / 25
for wire cross-section mm²	2.5 / AWG 26...12 / AWG 26...12	4 / AWG 26...10 / AWG 26...10
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A4 / V-0
Approvals	CE SP BL EAC N VL	CE SP BL EAC N VL
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...6 / 0.5...4
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)	Tightening torque range (terminal screw) 0.5...1 Nm (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	Tightening torque, N-isolator 0.4..0.6 Nm	Tightening torque, N-isolator 0.4..0.8 Nm

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	WNT 2.5 10X3 BE	100	**1010600000**
blue Wemid	WNT 2.5 10X3	100	**1010680000**
Note	2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WNT 4 10X3	100	**1010780000**

Accessories

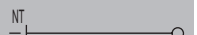
	Type	current	Qty.	Order No.
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
Blue	WAP 2.5-10 BL		50	**1050080000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue	WHP 2.5-35N/10x3 BL		20	**1050280000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Screwdriver				
With „swifty set" cutting device	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		10	**9008330000**
Busbar 10 x 3 (140 A)				
Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars				
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4		50	**0316500000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	**0316600000**
Flexible 16 - 35 mm²	ZB 35/M6X16		20	**0266500000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**

Type	current	Qty.	Order No.
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WHP 2.5-35N/10x3 BL		20	**1050280000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		10	**9008330000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

WNT 6 — 6 mm²

7.9 x 60 x 46.5
57 / 10
0.5...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	600	600	
41	45	35	
6	AWG 20...8	AWG 26...8	
	6 kV / 3		
	A5 / V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
Tightening torque range (terminal screw) 0.8...1.2 Nm (M 3.5)
12 / 4.0 x 0.8 mm

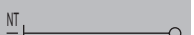
Tightening torque, N-isolator 0.8..1.6 Nm

Type	Qty.	Order No.
WNT 6 10X3	50	**1010880000**

Type	current	Qty.	Order No.
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WHP 2.5-35N/10x3 BL		20	**1050280000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		10	**9008330000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

WNT 10 — 10 mm²

9.9 x 60 x 46.5
76 / 16
1.31...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	600	600	
57	60	50	
10	AWG 16...8	AWG 16...6	
	6 kV / 3		
	B6 / V-0		

Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
Tightening torque range (terminal screw) 1.2...2 Nm (M 4)
12 / 1.0 x 5.5 mm

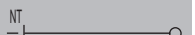
Tightening torque, N-isolator 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 10 10X3 BE	50	**1010900000**
WNT 10 10X3	50	**1010980000**

Type	current	Qty.	Order No.
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WHP 2.5-35N/10x3 BL		20	**1050280000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		10	**9008330000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

WNT 16N — 16 mm²

12 x 60 x 46.5
101 / 25
1.5...25



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	300	300	
76	65	65	
16	AWG 14...6	AWG 14...6	
	6 kV / 3		
	B7 / V-0		

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
Tightening torque range (terminal screw) 1.2...2.2 Nm (M 4)
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 16N 10X3	50	**1019000000**

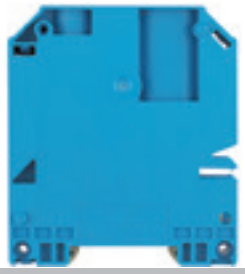
Type	current	Qty.	Order No.
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WHP 2.5-35N/10x3 BL		20	**1050280000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		10	**9008330000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

WNT 35N — 35 mm²

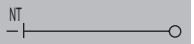
Compact design

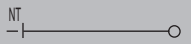
WNT 70N — 70 mm²

Compact design



		WNT 35N	WNT 70N
Width/Height/Depth	mm	16 x 66 x 50.5	20.5 x 75 x 85
max. current / max. cond. cross-section	A	**140 / 50**	**140 / 95**
Max. clamping range	mm²	**2.5...50**	**10...95**





Technical data

Rated data		WNT 35N	WNT 70N
Rated voltage to adjoining terminal	-	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Tightening torque range (terminal screw)			
Stripping length / Blade size	mm/-		
Note			

IEC	UL	CSA	EN 60079-7	WNT 35N	WNT 70N
					600
125					
140					175
35					
70					AWG 6...0
		6 kV / 3			6 kV / 3
		B8 / V-0			B11 / V-0
CE				CE	CE UL

Rated connection	WNT 35N	WNT 70N
2.5...16 / 2.5...50		10...16 / 10...95
2.5...35 / 2.5...35		10...70 / 10...70
Tightening torque range (terminal screw)	4...5 Nm (M 6)	6...12 Nm (M 8)
	18 / 6.5 x 1.2 mm	22 / S6 (DIN 6911)
Note	The tightening torque for 16 - 50 mm² stranded conductors is 4.5 Nm. Tightening torque for N-isolator: 1.2...2.4 Nm	Tightening torque, N-isolator 2.5..5.0 Nm

Ordering data

Version		Type	Qty.	Order No.
	dark beige Wemid			
	blue Wemid	WNT 35N 10X3	20	**1718550000**
Note				

Type	Qty.	Order No.
WNT 70N/35	10	**9512210000**

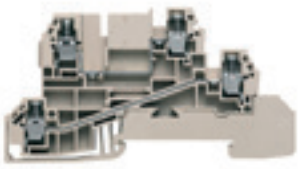
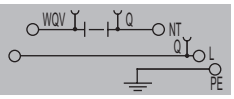
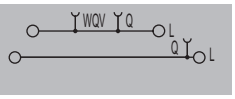
Accessories

End plate / Partition plate		Type	current	Qty.	Order No.
	dark beige	WAP 2.5-10		50	**1050000000**
	Blue	WAP 2.5-10 BL		50	**1050080000**
Support bracket for 10 x 3 (required every 20 cm)					
	Blue	WHP 2.5-35N/10x3 BL		20	**1050280000**
End bracket					
	dark beige	WEW 35/2		100	**1061200000**
Screwdriver					
	With „swifty set" cutting device	SWIFTY SET		1	**9006060000**
	Standard	SDS 0.6X3.5X100		10	**9008330000**
Busbar 10 x 3 (140 A)					
	Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars					
	Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4		50	**0316500000**
	Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	**0316600000**
	Flexible 16 - 35 mm²	ZB 35/M6X16		20	**0266500000**
Identification systems					
		DEK 5/5 MC NE WS		1000	**1609801044**
		WS 12/5 MC NE WS		720	**1609860000**

Type	current	Qty.	Order No.
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WHP 2.5-35N/10x3 BL		20	**1050280000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		10	**9008330000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

Refer to the „W-series Accessories" section for PEN bridges.

	WDL 2.5/NT/L/PE	2.5 mm²	WDL 2.5/L/L	2.5 mm²
				
Width/Height/Depth mm	6.1 x 90 x 48		6.1 x 90 x 48	
max. current / max. cond. cross-section A	**32 / 4**		**32 / 4**	
Max. clamping range mm²	**0.13...4**		**0.13...4**	

Technical data

Rated data				
	IEC 60947-7-1 (-7-2)			
	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal -		300	300	
Rated current A	24	15	10	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3, A4 / V-0		
Approvals	CE, CSA, N, UL			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm			
Note	Further connection refers to clamping point at top left (A4) 2-conductor, 1.5 mm², solid, with 0.6 Nm			

Rated data				
	IEC 60947-7-1			
	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal -		300	300	
Rated current A	24	15	10	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3, A4 / V-0		
Approvals	CE, CSA, N, UL			
Rated connection				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm			
Note	Further connection refers to clamping point at top left (A4) 2-conductor, 1.5 mm², solid, with 0.6 Nm			

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	WDL 2.5/NT/L/PE	50	**1029800000**
Note	PE connection is marked green-yellow		

Version	Type	Qty.	Order No.
dark beige Wemid	WDL 2.5/L/L	50	**1030300000**
Note	WDL 2.5/N/L Order no. 1030000000 (upper connection is marked blue).		

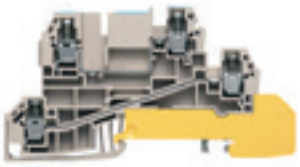
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 WDL2.5S	24 A	50	**1071500000**
3-pole	Q 3 WDL2.5S	24 A	50	**1071600000**
4-pole	Q 4 WDL2.5S	24 A	50	**1071700000**
10-pole	Q 10 WDL2.5S	24 A	20	**1071800000**
20-/24-pole	Q 20 WDL2.5S	24 A	20	**1074200000**
End plate / Partition plate				
dark beige	WAP WDL2.5		20	**1067800000**
Support bracket for 10 x 3 (required every 20 cm)				
dark beige	WHP WDL2.5/S BL		20	**1067980000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Screwdriver				
With „swifty set“ cutting device	SWIFTY SET		1	**9006060000**
Standard	SDIS 0.6X3.5X100		10	**9008390000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**

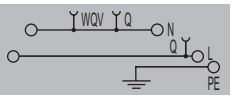
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 WDL2.5S	24 A	50	**1071500000**
3-pole	Q 3 WDL2.5S	24 A	50	**1071600000**
4-pole	Q 4 WDL2.5S	24 A	50	**1071700000**
10-pole	Q 10 WDL2.5S	24 A	20	**1071800000**
20-/24-pole	Q 20 WDL2.5S	24 A	20	**1074200000**
End plate / Partition plate				
dark beige	WAP WDL2.5		20	**1067800000**
Support bracket for 10 x 3 (required every 20 cm)				
dark beige	WHP WDL2.5/S BL		20	**1067980000**
End bracket				
dark beige	WEW 35/2		100	**1061200000**
Screwdriver				
With „swifty set“ cutting device	SWIFTY SET		1	**9006060000**
Standard	SDIS 0.6X3.5X100		10	**9008390000**
Identification systems				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**

For detailed information on other accessories and application in the online catalogue

WDL 2.5/N/L/PE — 2.5 mm²



6.1 x 90 x 48
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3, A4 / V-0		

CE cULus

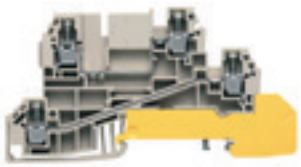
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm

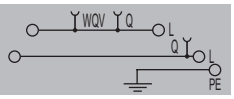
Type	Qty.	Order No.
WDL 2.5/N/L/PE	50	**1029900000**
PE connection is marked green-yellow		

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WAP WDL2.5		20	**1067800000**
WHP WDL2.5/S BL		20	**1067980000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDIS 0.6X3.5X100		10	**9008390000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

WDL 2.5/L/L/PE — 2.5 mm²



6.1 x 90 x 48
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3, A4 / V-0		

CE cULus

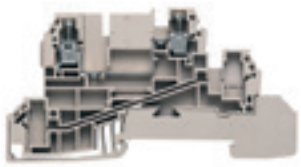
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm

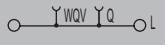
Type	Qty.	Order No.
WDL 2.5/L/L/PE	50	**1030200000**
PE connection is marked green-yellow		

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WAP WDL2.5		20	**1067800000**
WHP WDL2.5/S BL		20	**1067980000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDIS 0.6X3.5X100		10	**9008390000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

WDL 2.5/L — 2.5 mm²



6.1 x 90 x 48
32 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3, A4 / V-0		

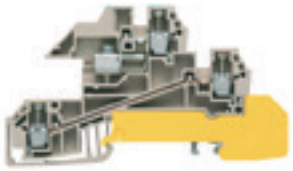
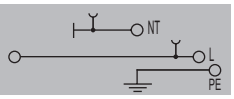
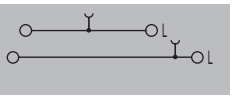
CE cULus

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm

Type	Qty.	Order No.
WDL 2.5/L	50	**1030400000**
WDL 2.5/S/N Order no. 1030900000 (connection marked blue).		

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WAP WDL2.5		20	**1067800000**
WHP WDL2.5/S BL		20	**1067980000**
WEW 35/2		100	**1061200000**
SWIFTY SET		1	**9006060000**
SDIS 0.6X3.5X100		10	**9008390000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

	WDL 2.5/S/NT/L/PE	2.5 mm²	WDL 2.5/S/L/L	2.5 mm²
				
Width/Height/Depth mm	6.1 x 84.5 x 48		6.1 x 84.5 x 48	
max. current / max. cond. cross-section A	32 / 4		32 / 4	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

Rated data	WDL 2.5/S/NT/L/PE	WDL 2.5/S/L/L
	In accordance with IEC 60947-7-1	IEC 60947-7-1
IEC	300	300
UL	24	24
CSA	15	15
EN 60079-7	10	10
Rated voltage to adjoining terminal -	2.5	2.5
Rated current A	AWG 26...12	AWG 26...12
for wire cross-section mm²	AWG 26...12	AWG 26...12
Rated impulse withstand voltage / Pollution severity	4 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	CE cULus EAC	CE cULus EAC
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque range (terminal screw)	Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)	Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
Note	Rated voltage L-PE and L-NT 250 V. Tightening torque for isolator 0.4..0.6 Nm	

Ordering data

Version	Type	Qty.	Order No.
dark beige Wemid	WDL 2.5/S/NT/L/PE	50	1030600000
Note	PPE connection marked green/yellow, three-phase circuit together with WDL 2.5/S/L/L		

Version	Type	Qty.	Order No.
dark beige Wemid	WDL 2.5/S/L/L	50	1031200000
Note	WDL 2.5/S/N/L Order no. 1030800000 (upper connection marked blue).		

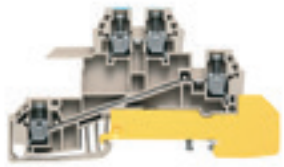
Accessories

Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 WDL2.5S	24 A	50	1071500000
3-pole	Q 3 WDL2.5S	24 A	50	1071600000
4-pole	Q 4 WDL2.5S	24 A	50	1071700000
10-pole	Q 10 WDL2.5S	24 A	20	1071800000
20-/24-pole	Q 20 WDL2.5S	24 A	20	1074200000
End bracket				
dark beige	WEW 35/2		100	1061200000
End plate / Partition plate				
dark beige	WAP WDL2.5/S		20	1067700000
Support bracket for 10 x 3 (required every 20 cm)				
dark beige	WHP WDL2.5/S BL		20	1067980000
Busbar 10 x 3 (140 A)				
Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	0348900000
Clamping yoke for power supply to 10 x 3 busbars				
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4		50	0316500000
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	0316600000
Flexible 16 - 35 mm²	ZB 35/M6X16		20	0266500000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000

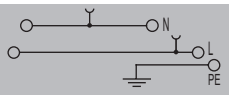
Screwable cross-connection	Type	current	Qty.	Order No.
2-pole	Q 2 WDL2.5S	24 A	50	1071500000
3-pole	Q 3 WDL2.5S	24 A	50	1071600000
4-pole	Q 4 WDL2.5S	24 A	50	1071700000
10-pole	Q 10 WDL2.5S	24 A	20	1071800000
20-/24-pole	Q 20 WDL2.5S	24 A	20	1074200000
End bracket				
dark beige	WEW 35/2		100	1061200000
End plate / Partition plate				
dark beige	WAP WDL2.5/S		20	1067700000
Support bracket for 10 x 3 (required every 20 cm)				
dark beige	WHP WDL2.5/S BL		20	1067980000
Busbar 10 x 3 (140 A)				
Ok, busbar up to Ok, TS 35 = 25.5 mm	SSCH 10X3X1000 CU/SN		1	0348900000
Clamping yoke for power supply to 10 x 3 busbars				
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4		50	0316500000
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	0316600000
Flexible 16 - 35 mm²	ZB 35/M6X16		20	0266500000
Identification systems				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000

For detailed information on other accessories and application in the online catalogue

WDL 2.5/S/N/L/PE — 2.5 mm²



6.1 x 84.5 x 48
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

CE cULus

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

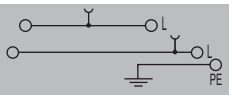
L-PE / L-N 250 V

Type	Qty.	Order No.
WDL 2.5/S/N/L/PE	50	**1030700000**
PE connection is marked green-yellow		

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WEW 35/2		100	**1061200000**
WAP WDL2.5/S		20	**1067700000**
WHP WDL2.5/S BL		20	**1067980000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

WDL 2.5/S/L/L/PE — 2.5 mm²

6.1 x 84.5 x 48
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

CE cULus

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

L-PE 250 V

Type	Qty.	Order No.
WDL 2.5/S/L/L/PE	50	**1031100000**
PE connection is marked green-yellow		

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WEW 35/2		100	**1061200000**
WAP WDL2.5/S		20	**1067700000**
WHP WDL2.5/S BL		20	**1067980000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

WDL 2.5/S/L — 2.5 mm²

6.1 x 84.5 x 48
32 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

CE cULus

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
Tightening torque range (terminal screw) 0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDL 2.5/S/L	50	**1031300000**
WDL 2.5/S/N Order no. 1030900000 (connection marked blue).		

Type	current	Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WEW 35/2		100	**1061200000**
WAP WDL2.5/S		20	**1067700000**
WHP WDL2.5/S BL		20	**1067980000**
SSCH 10X3X1000 CU/SN		1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

Installation

Installation	Assembly instructions	C.2
	Mounting accessories	C.10
	Marking system	C.26
	Tools	C.28
	Enclosure system	C.30

General technical notes

Useful tips from planning through to installation

As a system planner, you bear the responsibility for the correct selection of solutions and components. The IEC standard and the DIN EN 61439 “Low-voltage switchgear and controlgear assemblies” standard support you here. They stipulate the planning and construction requirements, as well as the necessary design verifications. The essential prerequisites are, of course, professional handling of equipment and observance of the rules in force. Only in this way can hazards to persons and property be avoided when they are dealing with electrical energy. In particular, installation, maintenance work, modifications and retrofitting may only be carried out by qualified personnel and in compliance with the general installation and safety regulations for work on power installations.

Our promise

Connections in the panel have to satisfy numerous rules and conditions. Whether installing terminal strips and terminal blocks or using aluminium conductors – we provide you with useful tips that make your work easier.

Operating conditions

The specifications contained in the documentation apply, insofar as no separate stipulations apply, for the recommended installation position and for environmental conditions in the case of indoor installation (pollution severity 3, in exceptional cases 2) in accordance with IEC 60439-1 and IEC 61439-1/2/3. The user has to refer the manufacturer to special operating conditions deviating from this standard! You have to provide for installation-specific reduction factors depending on the actual operating conditions. The load factors listed in the table below constitute guidelines.

Guidelines for rated load factors

Number of main circuits	Rated load factor	
	acc. to IEC 61439-2	acc. to IEC 61439-3
2 and 3	0.9	0.8
4 and 5	0.8	0.7
6 to 9 inclusive	0.7	0.6
10 and more	0.6	0.5

IEC 61439
Part 2: Power switchgear and controlgear assemblies
Part 3: Distribution boards intended to be operated by ordinary persons

What you have to observe for installation

In the case of products containing cartridge fuses, you have to follow the specifications from the associated product standards with regard to the wire cross-sections to be connected. The specified temperature resistance of the plastics used has to be observed.

Here, we recommend installing the products vertically on horizontal terminal rail systems. The rated load factors in the table are applicable for this installation position and also for components with permissible power losses. This also pertains to the environmental conditions in accordance with IEC 60439-1, section 6.1.1.1 and IEC 61439-2/3, section 7.1.1.1.

And what if the conditions deviate
In case of a deviation in the installation position and operating conditions, you have to consider all the factors influencing the maximum temperature. These include, for example:

- Power output of the cartridge fuses and the devices in operation
- Timings, full and partial load, concurrency
- Arrangement in the system, mutual interaction between the devices
- Rail cross-section, conductor cross-section
- Ambient temperature, flow conditions, ventilation and cooling through additional correction factors

Installation positions are inadmissible in which gravity works against the direction of contact movement. Clearance and creepage distances have to be measured in accordance with IEC 60664-1 (VDE 0110 Part 1). Above 12 mm, all IEC requirements are met up to 690 V AC. You also have to consider further factors, such as minimum distances to grounded parts. This particularly applies for UL applications. You also need to avoid the harmful influences of chemical substances during storage, processing and operation.

CE marking
Our products are subject to mandatory CE-marking in conjunction with Low Voltage Directive 73/23/EEC, as amended by Directive 2014/35/EU. We have affixed the CE mark on the individual packing units and partly on the products themselves. We hereby confirm to you that our products comply with the applicable regulations. We would be pleased to provide you with the relevant declarations of conformity at our company.

RoHS Directive
The restriction on lead and five further potentially hazardous substances used in electrical and electronic equipment is defined by the EU RoHS Directive. You will find more information at:
www.weidmueller.com/rohs

REACH Regulation
The European chemical regulation REACH stands for the Registration, Evaluation, Authorisation and restriction of Chemicals. You will find current information at:
www.weidmueller.com/reach

Our tips for you

It always has to be ensured that ...

- all accessible parts are deactivated during installation and maintenance work
- connections are made with the prescribed torque, suitable fitted parts are used and parts are completely installed for touch-safe protection
- connections are checked and, if necessary, tightened after transportation
- the products are used and operated according to the intended purpose
- the technical description in the product manual and the installation instructions are observed and the documents are kept accessible for subsequent maintenance work, modifications and retrofitting
- modifications that serve for advancement and technical progress are reserved

Mounting of terminal strips

Always a secure connection

Terminal strips are used for quick installation of cables and conductors. They are the interface from the panel to the outside world. Below, you will find some useful tips, information and binding rules to support you in mounting terminal strips.

Combinations of different terminal blocks
In case of a contour change, you have to use end plates and partition plates (WAP/TW, ZAP/TW and IAP). If terminal blocks with different rated voltages are arranged next to one another, you need end plates or partition plates (WAP/TW, ZAP/TW). Good to know: when arranging the PE terminal block next to, or between the associated feed-through terminals blocks of the same series and size, the rated voltage and the rated impulse voltage of the feed-through terminal blocks are not influenced.

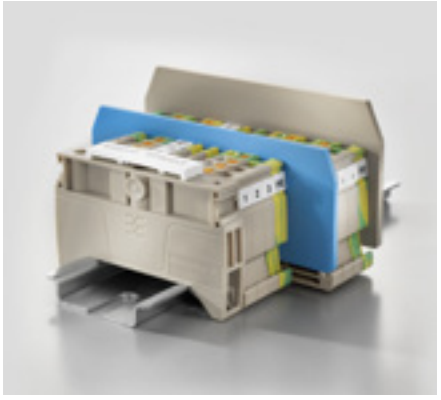
Dimensions
The dimension of the housing enclosing the terminal blocks and fastening components is specified, but without tolerances. Please consider a mounting tolerance of 0.2 mm to the specified terminal width in your project design.

Partition plate
You use a partition plate for visual separation of circuits or for electrical isolation from neighbouring cross-connectors.

Small partition
In the case of terminal blocks, up to a terminal width of max. 12 mm, you can retroactively insert small partitions between cross-connections or sockets.

End bracket at the beginning and end of the terminal strip

Partition plates improve the overview



Troubleshooting with bipolar voltage tester incl. measurement probe according to IEC 61243-3

Compliance with the rated insulation voltage
We specify the required stripping length for all our products in mm. These lengths, e.g. 6 mm ± 0.5 mm, ≥ 10 mm ± 1 mm are absolutely binding. This is also the case if you use wire-end ferrules. IEC 60947-1 applies for the outside dimension of crimped wire-end ferrules.

Working on electrical connectors with non-insulated screwdrivers
The following five rules apply for working on electrical systems and equipment with non-insulated screwdrivers:
- Disconnect the electrical systems
- Prevent from being switched back on
- Ascertain absence of voltage
- Earth and short-circuit
- Cover or block off neighbouring parts under voltage

Please find the individual measures to be taken in consideration of the operational and local conditions, for example high voltage and low voltage lines, cables or switchgear systems, in VDE 0105 Part 100.

Unused contact points under voltage
Protect unused contact points that may be live against inadvertent touching by using suitable covers, such as ADP 1 to 4. The clamping screws of unused contact points that are not live must also be tightened.

Tightening torque range for clamping screws
The test torque according to IEC 60947-1 or the torque according to the manufacturer's specifications is the lower value of the torque range. With this, all tests are passed. The upper value of the torque range is the maximum torque that may be applied.
Preferably set the electrical torque screwdriver to the midpoint torque of the terminal torque range. We have assigned product-specific data directly to the respective products.

Tightening the clamping screw in the specified torque ranges ensures:
- Reliable and gas-tight clamping
- No mechanical destruction of the clamping yokes
- Voltage drop well below the required limit value

Our installation tips for you

- The terminal strip structure is from left to right
- Place the closed side to the left, the open side to the right
- Always close the open side of the terminal strip with end plates or separation plates (WAP/TW, ZAP/TW)
- End brackets have to be placed at the beginning and end of a terminal strip

Connecting terminal blocks

With the right torque

The right torque is a decisive factor in professional connection of terminal blocks in order to avoid damage to the electrical systems. Therefore, always apply the tightening torque specified in the installation instructions or on the Internet for the product.

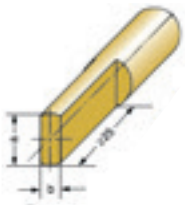
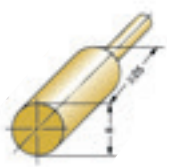
Unless limits are specified, the deviation of the tightening torque for screw and clamp connections may be a maximum of ±/–20 percent of the rated value. If no range is specified for clamping cross-sections, the lower clamping range is limited to two levels below the rated cross-section. Please find the relationships between the wire cross-sections in mm² and AWG/MCM sizes in the table below.

General technical data for conversion AWG* conductor to mm²

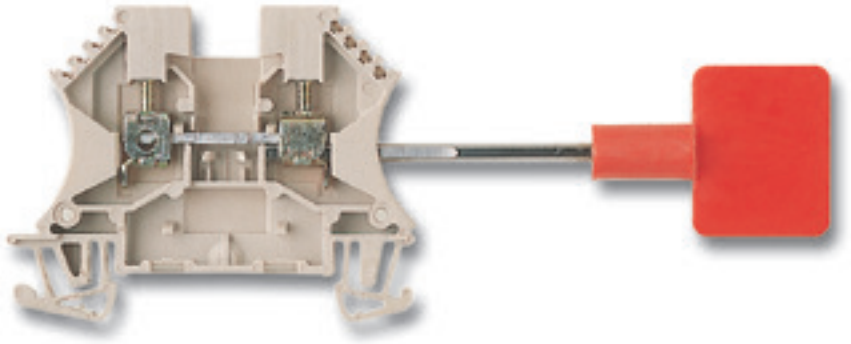
AWG	mm²
28	0.08
26	0.13
24	0.20
22	0.33
20	0.52
19	0.65
18	0.82
17	1.04
16	1.31
15	1.65
14	2.08
13	2.63
12	3.31
11	4.17
10	5.26
9	6.63
8	8.37
7	10.55
6	13.30
5	16.77
4	21.15
3	26.67
2	33.63
1	42.41
0	53.48

Plug gauge according to IEC 60947-1: insertability of unprepared round conductors with the largest defined cross-section

Test with the defined gauge, insertion under own weight

Cable diameter		Gauge					
		Shape A			Shape B		
							
Flexible conductors mm²	Solid conductors (one or more wires) mm²	Desig-nation	Diameter a mm	Width b mm	Desig-nation	Diameter a mm	Permissible deviation for a and b mm
1.5	1.5	A 1	2.4	1.5	B 1	1.9	
2.5	2.5	A 2	2.8	2.0	B 2	2.4	0 – 0.05
2.5	4	A 3	2.8	2.4	B 3	2.7	
4	6	A 4	3.6	3.1	B 4	3.5	
6	10	A 5	4.3	4.0	B 5	4.4	0 – 0.06
10	16	A 6	5.4	5.1	B 6	5.3	
16	25	A 7	7.1	6.3	B 7	6.9	
25	35	A 8	8.3	7.8	B 8	8.2	0 – 0.07
35	50	A 9	10.2	9.2	B 9	10.0	
50	70	A 10	12.3	11.0	B 10	12.0	
70	95	A 11	14.2	13.1	B 11	14.0	0 – 0.08
95	120	A 12	16.2	15.1	B 12	16.0	
120	150	A 13	18.2	17.0	B 13	18.0	

* **AWG** is the abbreviation for "**A**merican **W**ire **G**auge".



Approval of wire-end ferrules
Wire-end ferrules are only ever approved for applications according to IEC/EN standards. We tested examples for the application of wire-end ferrules; this does represent any form of general approval for different ferrule pressings. You may have to reduce the maximum wire cross-sections. Conductors have to be manufactured taking into consideration the requirements of IEC/EN 60999-1 and -2 and have to be configured such that there is no tensile loading.

Two conductors at a contact point
You achieve assignment to individual circuits, identification and division of individual functional units optimally by only connecting one conductor to each contact point. Terminal blocks with screw connection (W-Series) are available to you should two conductors of the same cross-section be connected to a contact point. The connection of two cables with screwless contact points is forbidden according to DIN IEC 60999-1. Connection of two conductors is possible in the tension-clamp system, however, by using twin wire-end ferrules.

Continuous current for two conductors
The total current of two conductors must not exceed the continuous current of the terminal block. The continuous current is the maximum current a terminal block can carry without exceeding a temperature increase of 45 K.

Rated voltage
The rated voltage of the terminal block does not change with the proper connection of two conductors.

Use of aluminium conductors

Very secure contact

Aluminium conductors have many advantages. However, various conditions must be met in order to achieve secure contact with these conductors. The specifications for the conductor connections for terminal blocks only apply for copper conductors. They do not apply to aluminium conductors.

Why is the use of aluminium conductors so attractive?

The use of aluminium conductors is becoming increasingly attractive, especially when conductors with cross-sections over 16 mm² are used. One advantage of aluminium as a wire material is its favourable price as compared with copper. Aluminium also weighs significantly less. This makes routing cables much easier.

Properties and physical influences of aluminium

The direct contact of aluminium as an electrical conductor is essentially determined by three physical influences:

- Exposure to oxygen immediately forms a non-conducting oxide layer on the surface of the aluminium conductor. The result is an increase in the contact resistance between the connection system and the aluminium conductor. In the worst case, this can lead to the terminal block catching fire.
- The conductivity of aluminium is one-third lower than that of copper. For this reason, the selection of the right cross-section should always be dependent on the maximum anticipated current. When using aluminium conductors, we therefore recommend always selecting one conductor size larger for the same current carrying capacity.
- Aluminium has a tendency to flow under mechanical pressure loading. This necessitates checking the specified torque prior to initial use and monitoring the torque applied after approx. 200 operating hours.

Professional processing and handling of aluminium conductors for direct connection

In order to ensure optimal connection of solid and sectional core aluminium conductors, the stripped end of the conductor must be cleaned of the oxide layer immediately by scraping, e.g. with a knife. Please note that no brushes, files or sandpaper may be used, as aluminium particles could be stuck and thus transferred to other conductors.

Immediately after removing the oxide layer, the end of the conductor has to be rubbed with neutral grease (for example with acid and alkali free vaseline) and connected in the terminal immediately. If the conductor has been disconnected and reconnected, the work steps have to be repeated.

Terminal blocks for aluminium conductors

WDU 2.5	20 A	solid 2,5 mm²	0.4 NM
WDU 4	27 A	solid 4 mm²	0.5 NM
WDU 6	35 A	solid 6 mm²	0.8 NM
WDU 10	48 A	solid and stranded with 10 mm² wire-end	1.2 NM
WDU 16	50 A	solid "re" 16 mm²	3.0 NM
WDU 35	60 A	solid 35 mm²	4.0 NM
WDU 50N	118 A	solid and sector-shaped 50 mm²	6.0 NM
WDU 70N	150 A	solid and sector-shaped 70 mm²	12.0 NM
WDU 120	290 A	sector-shaped 150 mm²	15.0 NM
WDU 240	415 A	solid and sector-shaped 240 mm²	30.0 NM
WPD × 01 ...	152 A	25 mm² solid, stranded and sector-shaped in acc. with IEC 61238-1	4 NM
WPD × 02 ...	202 A	35 mm² solid, stranded and sector-shaped in acc. with IEC 61238-1	16² = 4.0 NM 25² = 6.0 NM 35² = 8.0 NM
WPD × 03 ...	300 A	70 mm² solid, stranded and sector-shaped in acc. with IEC 61238-1	16² = 4.0 NM 25² = 6.0 NM 35² = 8.0 NM 50² = 10.0 NM 70² = 18.0 NM

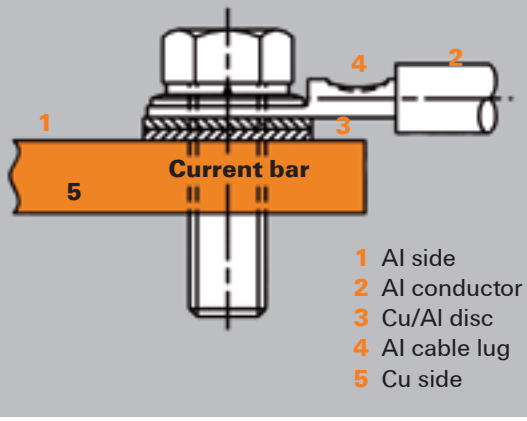
In case of WDU 240, the manufacturer's specifications concerning current-carrying capacity of the aluminium conductor used have to be observed. This is usually well below 400 A.

Professional preparation and handling of aluminium conductors with indirect connection
Indirect connection of aluminium conductors is the safest choice. This can be enabled through the use of connecting elements, such as Al/Cu ring cable lugs or compression bolts. Nevertheless, the relevant manufacturer's specifications must also be observed here and the contact point checked according to the operating instructions.

For normal environmental conditions and load cases, we recommend checking at intervals of six months. With unfavourable operating conditions or frequent temperature changes at the contact points, a shorter interval may be necessary. Temperature measurement strips with storage of maximum values can be attached in the immediate vicinity of the contact points and may be useful for objective assessment with regular tests. All contact points are suitable for the connection of one conductor, unless noted otherwise.

Installation instructions for flat cable lugs
When tightening the terminals, it is recommended to apply a counter-force on the conductor to avoid deformation of the terminal rail and to keep the foot of the terminal free of torsion forces. Connection of stranded aluminium conductors to terminal blocks is achieved with the aid of an aluminium cable lug. This is selected according to the shape of the conductor and is connected to the cable lug manufacturer's specifications. Cu/Al washers are required at the junction of aluminium cable lugs to the terminal block current bar. Only then is a smooth transition from copper to aluminium ensured. They are fitted such that the copper side of the current bar and the aluminium side make contact with the aluminium cable lug.

Mounting screw



Installation in conformity with standards

With precisely matched accessories

When mounting terminal blocks and assembling panels, you must always be able to rely on accessories fitting perfectly. Only then do the processes run smoothly and therefore productively. The requirements placed on terminal rails, busbars, as well as cover plates and support brackets, are correspondingly high. They have to comply with numerous standards and safety regulations.

Our promise
Our components are aligned to each other right down to the finest detail and hence make installation easier for you.

Information and ordering data for mounting accessories is available to you in our online catalogue. The webcode **#01229** entered into the search screen of our website takes you directly into the Klippon® Connect area.

Terminal rails

Terminal and top-hat rails for component mounting and end brackets are important for holding and insulating the components. Depending on the application area, we offer terminal rails made of steel, stainless steel, aluminium, copper or plastic.

Stainless steel
Stainless steel is a collective term for all types of steel (alloys) with a high degree of purity and corrosion resistance.

Aluminium
Aluminium has the second best electrical conductivity after copper. One advantage is low weight, another is outstanding corrosion protection.

Copper
Copper has the best electrical conductivity of all metals used. The copper rail has the highest short-circuit protection.

Plastic
Plastic terminal rails have insulating properties and are very light. They can be used where clearance and creepage distances to the support bracket cannot be achieved with standard terminal rails.

Steel
Steel terminal rails are the most widespread on the market. Among metal terminal rails, they have the lowest short-circuit protection, similar to stainless steel.

Use as PE conductors or PEN busbars
Under certain circumstances, you can also use terminal rails as bus bars for protective conductors (PE conductors) or PEN conductors. The Weidmüller PE terminal blocks with spring and screw connections fulfil the requirements for PE conductors defined in IEC 60 947-7-2. According to VDE 0100 Part 540, protective earth conductors and neutral conductors with wire cross-sections above 10 mm^2 may be combined to form a conductor abbreviated as PEN.

Our installation tip

If a terminal rail is used as a PEN busbar, the following criteria have to be observed:
- Only profiles made of E-Cu or aluminium are permissible
- Short-circuit currents and thermal rated currents
- Insulate terminal rails with the “protective insulation”protective measure

Busbars

In the case of switchgear and control systems it, may be necessary to bring the neutral and PE conductor together on busbars. They offer the possibility of connecting a large number of conductors (on 1 m rails up to 70 conductors) with a low space requirement – either via a pressure piece or a clamping yoke. The SH rail support (which can also be arranged between the clamping yokes for longer bar) serves for fixing purposes. If the clamping yoke is used as protective earth connection, we can optionally supply it with green-yellow or as neutral conductor with blue insulation cap.

Our installation tip

- In order to combine neutral or protective earth conductors at a central point, the ZB clamping yoke can be used together advantageously with the 10 × 3 or 6 × 6 busbars
- The ZBE 6 can be retroactively swivelled on to the busbars

Cover profiles and support brackets

Several safety regulations, such as the accident prevention regulation “Electrical Installations and Equipment” (VBG 4) and VDE 0106 Part 100/3.83, require from you that active parts of electrical equipment are protected against direct touching. Our cover profiles with associated support brackets may be used for the most common terminal sizes. The support brackets can be arranged at the end or along the the terminal strip. They can be fastened to TS 32, TS 35 or TS 15 terminal rails.

Our installation tip

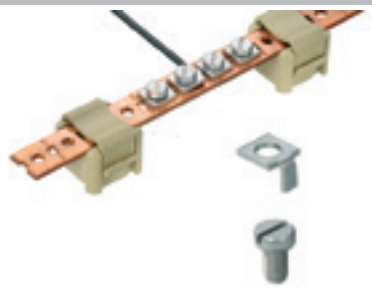
- Linear intervals of the support brackets: the linear measure of the ADP 1, 2 and 3 between the support brackets should not significantly exceed 300 mm
- The cover profile is also snapped on to tags at the sides; extra tightness is achieved with pegs on the support brackets for sealing purposes
- The transparent design of the profiles allows terminals with accessories and marking to be identified at any time. Additional markings, e.g. from groups, can also be applied

Busbars, unslotted

SSch

Type	Material	Cross-section	Length	Rated current	Qty.	Order No.
SSCH 10X3X1000 CU/SN	Copper	10...3 mm	1000 mm	140 A	1	0348900000
SSCH 10X3X1000 MS/BK	Brass	10...3 mm	1000 mm	100 A	1	0259800000
SSCH 10X3X1000 ST/ZN	Steel	10...3 mm	1000 mm		1	0438000000
SSCH 15X6X1000 CU/SN	Copper	15...6 mm	1000 mm	265 A	1	0357400000
SSCH 6X6X1000 CU/SN	Copper	6...6 mm	1000 mm	140 A	1	0571300000

Busbars, slotted



NSch / ESch

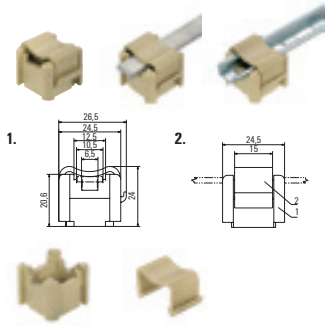
Type	Material	Cross-section	Length	Rated current	Qty.	Order No.
ESCH 1 M	Steel	12...2 mm	1000 mm	24 A	1	0280300000
NSCH 1M	Copper	15...2 mm	1000 mm	24 A	1	0280200000
NSCH 2M	Copper	15...2 mm	2025 mm	24 A	2	1313600000
Pressure piece					**Qty.**	**Order No.**
DKSUE NSCH/ESCH					100	0280100000
Clamping screw						
BFSC M5X8 Schlitz					100	0296700000

Technical data

Solid	0.5...2.5 mm²
Stripping length	9 mm
Cable lug to DIN 46234	max. 16 mm²
Current	27 A

Rail support

With yoke and base

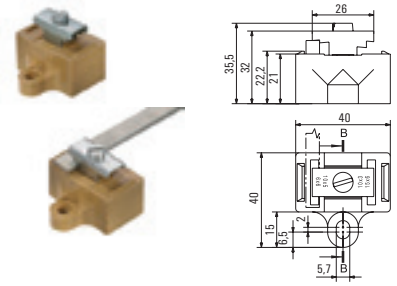


SH 1

Type	Width	Height	Depth	Qty.	Order No.
SH 1	26 mm	24.5 mm	24 mm	20	0299860000
Individual parts				**Qty.**	**Order No.**
SO SH1				20	0401460000
KLBUE SH1				20	0635960000
Screwable cross-connection					
BFSC M4X9T				100	0103300000
BFSC M4X30				50	0267100000
SH 1: for busbar cross-section 10 x 3, 6 x 6, 15 x 2, 12 x 2, 15 x 2, 15 x 6					

Rail support

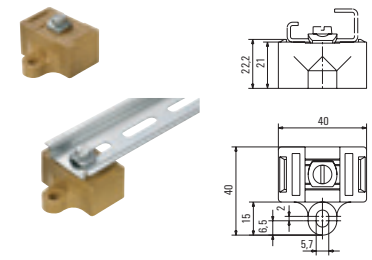
With metal bridge



SH 2S

Type	Width	Height	Depth	Qty.	Order No.
SH 2 S	40 mm	40 mm	35.5 mm	10	0641720000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5, 15 x 6					

Rail support

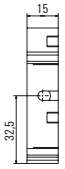


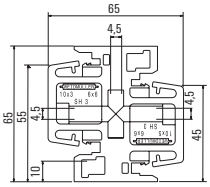
SH 2

Type	Width	Height	Depth	Qty.	Order No.
SH 2	40 mm	40 mm	25 mm	10	0494920000
The arrangement of mounting rails in totally insulated facilities					

Rail support

With metal bridge





SH 3

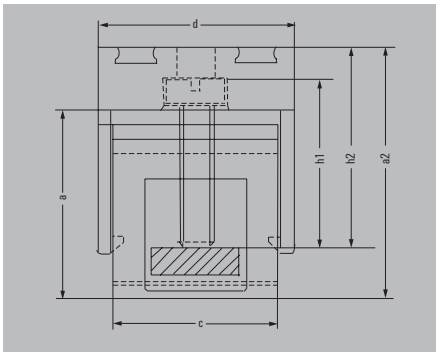
Type	Width	Height	Depth	Qty.	Order No.
SH 3	65 mm	15 mm	65 mm	10	**0556660000**
For busbar cross-section 10 x 3, 6 x 6, 10 x 5					

Rail support

WEW

Type Polyamide with fibre glass, screwable	Width	Height	Depth	Qty.	Order No.
WEW 35/1	12 mm	56 mm	62.5 mm	50	**1059000000**
WEW 35/2	8 mm	56 mm	46.5 mm	100	**1061200000**
WEW 35/1 GR	12 mm	56 mm	62.5 mm	50	**1227890000**
WEW 35/1 SW	12 mm	56 mm	63 mm	50	**1162600000**
WEW 35/2 GR 7042	8 mm	56 mm	46.5 mm	100	**1859200000**
WEW 35/2 SW	8 mm	56 mm	47 mm	100	**1061210000**
For busbar cross-section 10 x 3, 6 x 6					

Clamping yoke, uninsulated



Tightening torques for clamping screws according to IEC 60947-1

Products with screw with slotted head		
Thread	Tightening torque	
	Steel screws	
	min. 8.8	A 2/A 4-80
	[Nm]	[Nm]
M 2	0.2...0.35	0.2...0.35
M 2.5	0.4...0.8	0.4...0.8
M 3	0.5...1.0	0.5...1.0
M 3.5	0.8...1.6	0.8...1.6
M 4	1.2...2.4	...
M 5	2.0...4.0	...
M 6	2.5...5.0	...

for busbar 10 x 3 mm

Solid	0.5...6 mm²
Flexible	0.5...4 mm²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4	Silver	5.3 mm	15.5 mm	16 mm	50	0316500000
IK 4 BL ZB4	Silver	6 mm	19 mm	14.5 mm	50	0475480000
IK 4 GG ZB4	Silver	6 mm	19 mm	14.5 mm	50	0475460000

for busbar 10 x 3 mm

Solid	1...10 mm²
Flexible	1.5...10 mm²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6	Silver	8 mm	19 mm	28 mm	50	0459500000
IK 6 GG ZBE6K	Silver	7.8 mm	22.5 mm		50	0526060000

for busbar 10 x 3 mm

Solid	1.5...10 mm²
Flexible	2.5...10 mm²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

ZB 10

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 10 F.10X3/10X5/10X10	Silver	8 mm	19.5 mm	29.1 mm	50	1261300000

for busbar 10 x 3 mm

Solid	2.5...16 mm²
Flexible	2.5...16 mm²
Stranded	16...25 mm²
Clamping screw	M 4
Stripping length	16 mm

ZB 16

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16 ZKSC	Silver	10 mm	16 mm	24 mm	50	0316600000
IK 16/ZB16 BL	Silver	9 mm	19 mm	20 mm	50	0502980000
IK 16/ZB16 GG	Silver	9 mm	19 mm	20 mm	50	0502960000

for busbar 10 x 3 mm

Solid	16...16 mm²
Flexible	16...35 mm²
Stranded	...
Clamping screw	M 6
Stripping length	19 mm

ZB 35

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35/M6X16	Silver	14 mm	18 mm	34 mm	20	0266500000
IK 35/ZB35 BL	Silver	14 mm	32 mm	8.6 mm	50	0502780000

for busbar 6 x 6 mm

Solid	0.5...6 mm²
Flexible	0.5...4 mm²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

ZB 4/6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6	Silver	5.3 mm	12 mm	20 mm	50	0556700000

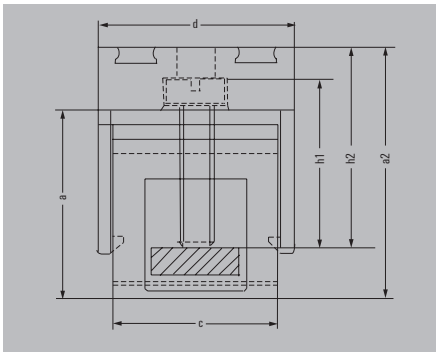
for busbar 6 x 6 mm

Solid	2.5...16 mm²
Flexible	2.5...16 mm²
Stranded	16...25 mm²
Clamping screw	M 4
Stripping length	12 mm

ZB 16/6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6	Silver	10 mm	12.5 mm	30.7 mm	50	0556800000

Clamping yoke, insulated



for busbar 10 x 3 mm

Solid	0.5…6 mm²
Flexible	…
Stranded	…
Clamping screw	M 3
Stripping length	16 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4G BL	Silver	7.4 mm	19.5 mm	27 mm	50	0322180000
ZB 4G GN/GE	Silver	7.4 mm	19.5 mm	27 mm	50	0322160000
ZB 4G SW	Silver	7.4 mm	19.5 mm	27 mm	50	0322110000
ZB 4K BL	Silver	6 mm	19 mm	20.4 mm	50	0475380000
ZB 4K GE/GN	Silver	6 mm	19 mm	20.4 mm	50	0475360000

for busbar 10 x 3 mm

Solid	1…10 mm²
Flexible	1.5…10 mm²
Stranded	…
Clamping screw	M 4
Stripping length	19 mm

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6K BL	Blue	8 mm	22.5 mm	19.5 mm	50	0525980000
ZBE 6K GE/GN	Yellow, Green	8 mm	22.5 mm	19.5 mm	50	0525960000
ZBE 6K SW	Black	8 mm	22.5 mm	19.5 mm	50	0525910000

for busbar 10 x 3 mm

Solid	2.5…16 mm²
Flexible	2.5…16 mm²
Stranded	16…25 mm²
Clamping screw	M 4
Stripping length	16 mm

ZB 16K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16K BL	Silver	10 mm	19 mm	26.8 mm	50	0502880000
ZB 16K GE/GN	Silver	10 mm	19 mm	26.8 mm	50	0502860000

for busbar 10 x 3 mm

Solid	16…16 mm²
Flexible	16…35 mm²
Stranded	…
Clamping screw	M 6
Stripping length	19 mm

ZB 35K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35K BL M6X16	Silver	14 mm	32 mm	34 mm	20	0502680000
ZB 35K GE/GN M6X16	Silver	14 mm	32 mm	34 mm	20	0502660000
ZB 35K SW M6X16	Silver	14 mm	32 mm	34 mm	20	0502610000

for busbar 10 x 3 mm

Solid	0.5…4 mm²
Flexible	0.5…2.5 mm²
Stranded	…
Clamping screw	
Stripping length	10 mm

ZF 4 S

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZF 4 S	Silver	6.1 mm	24.5 mm	22 mm	50	1814680000
ZF 4 S BL	Silver	6.1 mm	24.5 mm	22 mm	50	1814660000
ZF 4 S GN	Silver	6.1 mm	24.5 mm	22 mm	50	1814670000

for busbar 6 x 6 mm

Solid	0.5…6 mm²
Flexible	0.5…4 mm²
Stranded	…
Clamping screw	M 3
Stripping length	16 mm

ZB 4 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6K BL	Silver	6 mm	25 mm	14.7 mm	50	0565480000
ZB 4/6K GE/GN	Silver	6 mm	25 mm	14.7 mm	50	0565460000

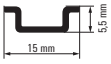
for busbar 6 x 6 mm

Solid	2.5…16 mm²
Flexible	2.5…16 mm²
Stranded	16…25 mm²
Clamping screw	M 4
Stripping length	12 mm

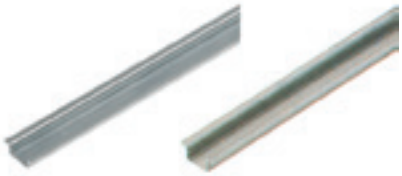
ZB 16 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6K GE/GN	Silver	10 mm	25 mm	30.7 mm	50	0569660000

TS 15 terminal rail



unslotted

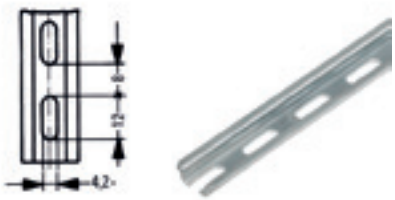


TS 15 x 5

Type	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
Aluminium					
TS 15X5 2M/AL/BK	76.00 A	15 mm	2000 mm	2	**0134700000**
Steel, galvanised and passivated					
TS 15X5 2M/ST/ZN		15 mm	2000 mm	2	**0514200000**

TS 15 terminal rail

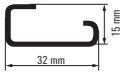
with slot



TS 15 x 5

Type	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
Steel, galvanised and passivated					
TS 15X5/LL 2M/ST/ZN		15 mm	2000 mm	2	**0117500000**
TS 15X5/LL 1M/ST/ZN		15 mm	1000 mm	1	**0117510000**

TS 32 terminal rail



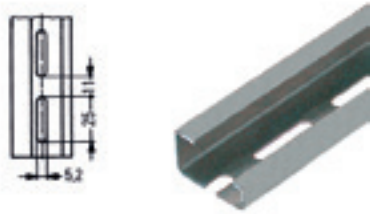
unslotted

TS 32 x 15

Type	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
Aluminium					
TS 32X15 2M/AL/BK	192.00 A	33 mm	2000 mm	2	**0169300000**
Steel, galvanised and passivated					
TS 32X15 2M/ST/ZN		33 mm	2000 mm	2	**0122800000**
Stainless steel					
TS 32X15 2M/CRN		33 mm	2000 mm	2	**0293220000**
TS 32X15 2M/AL/BK: max. permitted rated current for PEN function = 192 A					

TS 32 terminal rail

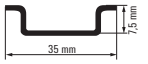
with slot



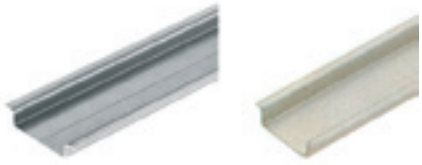
TS 32 x 15

Type	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
Steel, galvanised and passivated					
TS 32X15/LL 2M/ST/ZN		33 mm	2000 mm	2	**0514400000**

TS 35 x 7.5 terminal rail



unslotted

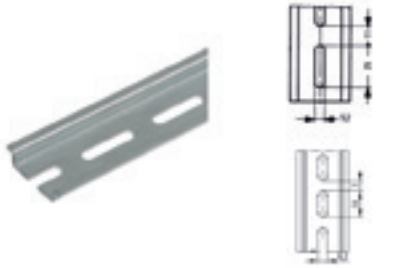


TS 35 x 7.5

Type	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
Aluminium					
TS 35X7.5 2M/AL/BK	125.00 A	35 mm	2000 mm	2	**0330800000**
Steel, galvanised and passivated					
TS 35X7.5 2M/ST/ZN		35 mm	2000 mm	2	**0383400000**
TS 35X7.5 1M/ST/ZN		35 mm	1000 mm	1	**0383410000**
Stainless steel					
TS 35X7.5 2M/CRN		35 mm	2000 mm	2	**1747350000**
TS 35X7.5 2M/AL/BK: max. permitted rated current for PEN function = 125 A					

TS 35 x 7.5 terminal rail

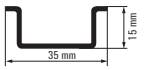
with slot



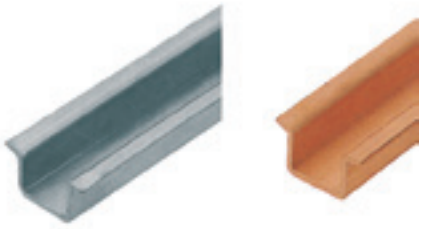
TS 35 x 7.5

Type	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
Steel, galvanised and passivated					
TS 35X7.5/LL 2M/ST/ZN		35 mm	2000 mm	2	**0514500000**
TS 35X7.5/LL 1M/ST/ZN		35 mm	1000 mm	1	**0514510000**
TS 35X7.5/LL/6 2M/ST/ZN		35 mm	2000 mm	2	**0514570000**

TS 35 x 15 terminal rail



unslotted



TS 35 x 15

Type	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
Copper					
TS 35X15/2.3 2M/CU/BK	309.00 A	35 mm	2000 mm	2	**0270100000**
Steel, galvanised and passivated					
TS 35X15/2.3 2M/ST/ZN		35 mm	2000 mm	2	**0498000000**
Aluminium					
TS 35X15/2.3 2M/AL/BK	192.00 A	35 mm	2000 mm	2	**1848290000**
max. permitted rated current for PEN function: TS 35X15/2.3 2M/CU/BK = 309 A / TS 35X15/2.3 2M/AL/BK = 192 A					

TS 35 x 15 terminal rail

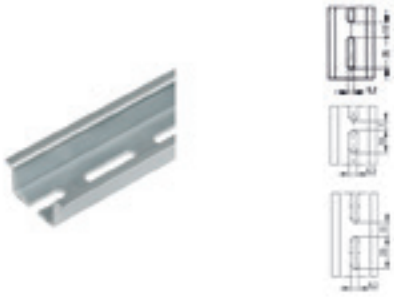
unslotted

TS 35 x 15

Type	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
Steel, galvanised and passivated					
TS 35X15 2M/ST/ZN		35 mm	2000 mm	2	**0236400000**
max. permitted rated current for PEN function: TS 35X15/2.3 2M/CU/BK = 309 A / TS 35X15/2.3 2M/AL/BK = 192 A					

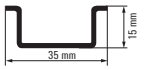
TS 35 x 15 terminal rail

with slot



TS 35 x 15

Type Steel, galvanised and passivated	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
TS 35X15/LL 2M/ST/ZN		35 mm	2000 mm	2	0236500000
TS 35X15/LL 1M/ST/ZN		35 mm	1000 mm	1	0236510000
TS 35X15/6X18 2M/ST/ZN		35 mm	2000 mm	2	1805980000
TS 35X15/6X25 2M/ST/ZN		35 mm	2000 mm	2	1866290000



TS 35 x 15 terminal rail

unslotted

TSK 35 x 15

Type Plastic PVC RAL 7035	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
TSK 35X15 2M PVC/GR		35 mm	2000 mm	2	0514300000

End cap for TS 35

End cap for TS 35

Type End cap TS 35 x 7.5	Max. permitted rated current for PEN function	Height	Length	Qty.	Order No.
TS END CAP 35X7.5		37.5 mm		100	1283470000
End cap TS 35 x 15					
TS END CAP 35X15		37.5 mm		100	1283480000

for TS 15 terminal rail

EW 15

EW 15/2

ZEW 15

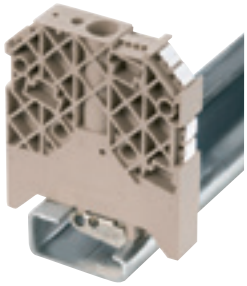
Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EW 15	Beige		50	**0382860000**
Polyamide with fibre glass, screwable				
EW 15/2	Dark Beige		50	**1071900000**
Polyamide 66, screwless				
ZEW 15	Beige		20	**7920340000**

for TS 32 terminal rail

EWK 1

EWK 2

MEW 1/32

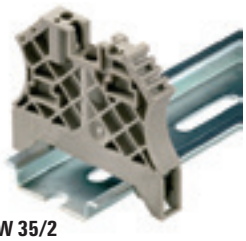


WEW 32/1

Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EWK 2	Beige		50	**0199360000**
EWK 1	Beige		50	**0206160000**
Polyamide with fibre glass, screwable				
WEW 32/1	Dark Beige		50	**1067600000**
Metal, screwable				
MEW 1/32	Grey		20	**0445600000**

for TS 35 terminal rail

WEW 35/1



WEW 35/2

EW 35

MEW 35/1

ZEW 35/2

Type	Colour	Torque	Qty.	Order No.
Polyamide with fibre glass, screwable				
WEW 35/1	Dark Beige	1.2 Nm	50	**1059000000**
WEW 35/2	Dark Beige	0.5 Nm	100	**1061200000**
WEW 35/1 GR	Grey	1.2 Nm	50	**1227890000**
WEW 35/1 SW	Black	1.2 Nm	50	**1162600000**
WEW 35/2 GR 7042	Grey	0.5 Nm	100	**1859200000**
WEW 35/2 SW	Black	0.5 Nm	100	**1061210000**
Polyamide 66, screwless				
ZEW 35	Dark Beige		20	**9540000000**
ZEW 35/2	Dark Beige		20	**8630740000**
ZEW 35 GR	Grey		20	**1238040000**
ZEW 35/2 GR	Grey		20	**1227850000**
ZEW 35/2 SW	Black		20	**1162610000**
Polyamide 66, screwable				
EW 35	Beige		50	**0383560000**
EW 35 GR 7032	Grey		50	**0383530000**
EW 35 DB	Dark Beige		50	**1269050000**
Metal, screwable				
MEW 35/1	Grey		10	**1805610000**
For busbar cross-section 10 x 3, 6 x 6For busbar cross-section 10 x 3, 6 x 6				

Terminal rail support

TSTW 5/M5

TSTW 5/M5 galvanised

TSTW 6/M6

Type	Internal thread	Qty.	Order No.
TSTW 5/M5	M 5	10	0178100000
TSTW 5/M5 ZN	M 5	10	1779100000
TSTW 6/M6	M 6	10	0164000000

Terminal rail supports of type TSTW are used forangled fixing of terminal rails at an angle of 35°.

Terminal rail support

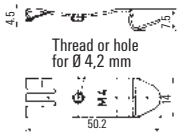
TST

Type	Internal thread	Qty.	Order No.
TST 2/M5	M 5	10	1286600000
TST 2/M6	M 6	10	0101700000
Type		**Qty.**	**Order No.**
Mounting screw			
FKSC M5X8 D9/SW2.5		50	0295900000
FKSC M6X8 D9/SW3		50	0642600000
FKSC M6X12 D9/SW3		50	0353500000

The TST terminal rail support is used for assemblyof terminal rails in a frame or over a cut-out.
Weidmüller supplies fixing screws with hexagonal sockets and a very lowhead for the terminal rail supports so that the terminals can also be fittedover the screw.

Mounting feet

FM 4

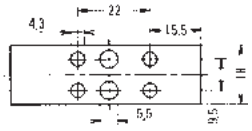


FM 5, FM 6 and FM 4.2: similar to illustrations

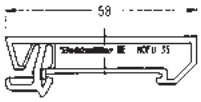
Type	Internal thread	Qty.	Order No.
FM 4 foot			
FM 4/TS35		40	**0687900000**
FM 5/TS35		40	**0636800000**
FM 6/TS35		40	**0636900000**
FM 4.2/TS35		40	**1724580000**

Mounting feet

MOFU 35/LO/1

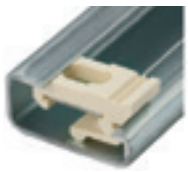


MOFU 35

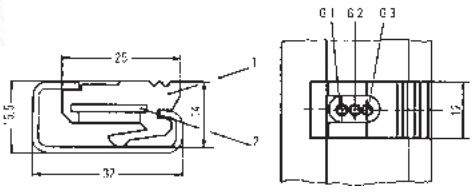


Type	Internal thread	Qty.	Order No.
MOFU 35/LO/1		20	**0646260000**
MOFU 35		20	**0495660000**
MOFU 35/LO/1 SW		20	**0646210000**

Mounting feet



MB



Type	Internal thread	Qty.	Order No.
MB M3/M5 CRM		20	**0503500000**
MB M5/M3 SW		20	**0553400000**
MB M6/M4 GR		20	**0334900000**

The sliding nut for the RS 32 terminal rail has two threaded holes for screws M3 + M5 / M6 + M4 / M5 + M3. It is used to fasten components which cannot be slotted directly onto the TS 32, in particular the smaller TS 15 top hat rail. This enables, for example, mini-terminals to be snapped onto the TS 15 first, and this rail is then fastened together with the terminals to the TS 32 using the sliding nut.

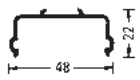
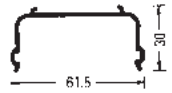
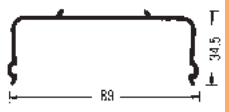
Cover strips and retaining plates

ADP

Cover strips

Material: unplasticised PVC
Supplied in 1 m lengths
Temperature limit: max. 70 °C

transparent

Type	Order No.
ADP 1 	**0485200000**
ADP 2 	**0485300000**
ADP 3 	**0485400000**
ADP 4 (1000 mm)	**1430760000**

grey

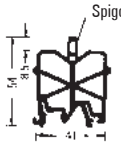
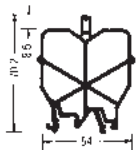
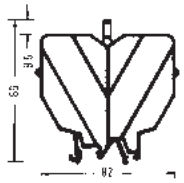
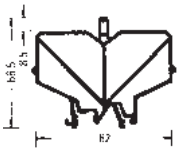
Type	Order No.
ADP 4 (300 mm)	**1378160000**

HP

Retaining plates

Material: PA 66
Thickness: 2 mm

For mounting on TS 35 / TS 32, with spigot for lead seal

Type	Order No.
HP 1 Spigot for lead seal 	**0485560000**
HP 2 	**0485660000**
HP 3 	**0485760000**
HP 4 	**0485860000**

For mounting on TS 15

Type	Order No.
HP 7	**0258260000**

Covers

Overall dimensions	A	A	A	A	B	C
for mounting on terminal rails	TS 32	TS 35 x 7.5	TS 35 x 15	TS 15		
ADP 1, HP 1	61	56	63		49	6
ADP 2, HP 2	77	72	79		62.5	6
ADP 3, HP 3	94	89	86		92	6
ADP 3, HP 4	73.5	68.5	75.5		92	6

Marking materials	Type	Qty.	Order No.
Card with warning "lightning flash", self adhesive 20 pcs. per card	BEZ.-KARTE ADP	10	**0566700000**

Systemised marking
For optimised processes

Your primary expectation of a marking system is that it clearly shows how your components are configured. This includes an accurate printed image, ease of use and usability in an industrial environment. You need data entry and administration software to provide optimum support. During marker output, the speed should be adaptable to your needs. In order to provide the right marking solution for all products at all time, we have built up a unique overall system of markers, printers and software. The tailored range of products ensures precise identification throughout the whole panel – or, for short, systemised marking.

Our promise
Our harmonised system of software, markers and printers allows you to optimise processes – from entering your data to the finished marker for the individual panel configuration. You have a clear overview to allow clear identification of panel components.

More detailed information on our marking system is available at **www.weidmueller.com/marking**

Order data is available in our online catalogue. Enter the code **#01223** into the search box on our website to go to the markers and printers directly.

Flexible printing on plastic and metal markers with inkjet printer
The MultiCard concept is our standard for modern, innovative identification and marking systems. With over 250 variants, it offers neutral plastic markers in a standardised card format for all Weidmüller terminal blocks and terminal blocks from other manufacturers. We also offer the appropriate marker options for the simple and quick connection of conductors, cables and devices.

Use our PrintJet ADVANCED inkjet printer for quick clear labelling of large volumes. Its precise colouring and thermal fixing ensure continuous and robust identification. MetalliCard formats made of aluminium and stainless steel can also be printed just as securely. Its wide range of applications and flexibility allows this printer to provide standard-compliant and efficient marking. Depending on the requirements, it is operated either with our user-friendly planning software M-Print® PRO or as a standalone solution with saved templates using a USB stick.

Endless marking with MultiMark and the thermo-transfer printer

The MultiMark terminal markers are endless material with a special stamped pattern. This means they can be rotated easily, which is ideal for compensating tolerances in long terminal blocks. The MultiMark formats are printed using the compact, modular THM MPP thermo-transfer printer which offers high levels of flexibility. The optional cutting and perforation option enables the endless material to be cut to any length. This makes cutting and assigning the relevant labels very simple. The THM MMP is also the ideal printer when it comes to printing fabric and polyester labels, shrink sleeves and PLC labels. The major benefit: you can make all the labels in and around the panel using just one printer.

Highlight

The THM MPP thermo-transfer printer is a compact all-rounder with an intuitive touch-screen display and status indicator, making it easy to operate in 22 languages. Its compact design and weight of just 3.5 kg means it can also be easily used outside the workshop.

Made for professional work

One-stop shopping for quality tools

You need them for wiring and testing, for commissioning and maintenance – tools are a constant companion when it comes to panel building. They need to sit well in the hand and guarantee consistently high workmanship even after many working cycles. Our quality tools are a choice that will bring you happiness for a long time. Our range includes proficient manual tools for cutting, stripping, crimping, testing and screwing, as well as machines and accessories. From installation of the terminal blocks to installation of delicate electronic components, you can find the right tool for all applications from us.

Our promise

Weidmüller tools were developed with the aim of making your work easier, optimising working processes and thus increasing productivity in panel building. The perfect coordination of terminal blocks, wire-end ferrules and conductors guarantees the best possible working results.

Detailed information on our range of tools is available at **www.weidmueller.com/tools**

Order data is available in our online catalogue. Enter the code **#01225** into the search box on our website to go to the tools directly.

The right quality tool for every stage of the process

Cutting

With our robust cutting tools, you can rely on smooth, straight cuts with no deformation of the conductor. Whether you need to cut copper or aluminium cables with small or large cross-sections, the mechanical drive and specific cutting shape allow really ergonomic work.

Stripping

Our precision tools specialise in stripping and sheath stripping of cables to guarantee reliable results. The wide product range is perfectly tailored to insulation and the wire cross-section and guarantees perfect wiring for all sorts of cable types.

Crimping

Our selection of crimping tools fits a wide range of conductors, wire-end ferrules and contacts. This ensures optimum processing quality in all applications. The result is stable, long-lasting connections which meet all relevant international standards and regulations.

Testing and measuring

From voltage testers through clamp-on meters, use our complete range of testing and measuring instruments for precise results. Besides the highest possible reliability for optimum application protection, the devices provide impressively easy handling.

Pliers

Our range of ESD pliers meets all national and international testing standards. The special material of the handles prevents electrostatic discharge. And the ergonomic design of the pliers allows fatigue-free work.

Screwing
High torques and optimum transfer of axial force – our manual and battery-powered torque screwdrivers enable exact, effective work with high levels of repeat accuracy. They are available in four sizes to fit all hands and requirements.

Automatic machines
Automating individual work stages such as cutting to length, stripping and crimping helps increase efficiency. With our robust, user-friendly machines for cable processing, you reduce installation times and minimise production costs.

Wire-end ferrules and cable connectors
With our wire-end ferrules and insulated cable connectors, you guarantee safe connections in the long term. We provide these accessories to match our components and tools in various versions and colour alternatives.

Highlight

Real added value for you: you can have your tools regularly tested and maintained in our in-house tool certification office. This allows you to guarantee consistent functionality and quality.

For every industry and every application

Klippon® Protect enclosure system gives safety and protection to connection solutions

Enclosures fulfil an important safety function and prove their worth every day, even under the toughest of conditions. All industries have their own specific requirements in terms of enclosure technology – from machine construction through transport and energy engineering to the process industry. At the same time, the enclosures must meet the strict requirements with respect to the necessary international approvals. Our Klippon® Protect enclosure system covers all approvals required for use in industrial and explosive risk zones. It is also so flexible that it allows optimum adaptation to your requirements.

Our promise

The flexible Klippon® Protect enclosure system forms the perfect addition to our Klippon® Connect range of terminal blocks. You can rely on our assembled enclosure assemblies which are optimised to your requirements and offer excellent protection. Individual services round off our range to provide you with optimum process support.

More detailed information on our wide range of Klippon® Protect enclosure systems can be found at **www.weidmueller.com/klipponprotect**

Order data is available in our online catalogue. Enter the code **#01227** into the search box on our website to go to Klippon® Protect directly.

Universal range

Whether it is stainless steel, aluminium or plastic, the universal enclosures from Klippon® Protect offer your assembly excellent protection in industrial or explosive risk zones. With these robust enclosures in the relevant degrees of protection, you can implement various field applications to suit your requirements. The matching system accessories enable simple integration, expansion and customisation.

Application range

Our Klippon® Protect application products are designed for specific protection requirements in the field. These include application solutions for monitoring and safety, measurement and control technology and power distribution. The basis for these application solutions is formed by high quality and comprehensive approvals for explosive risk zones. You can obtain enclosure solutions such as distributor housings, terminal boxes and command and messaging devices from a single source and with a consistent enclosure design – for maximum safety, reliable functionality and low follow-up costs for maintenance, replacement and storage.

Services

Our assembly services combine consultancy, application expertise and industry know-how to offer you a tailored solution. We provide you with exclusively developed and produced enclosures. This helps your plant fulfil the highest standards of safety, quality and performance against international

competition. You can benefit from our one-stop-shop production quality to reduce your costs, increase efficiency and simplify quality management.

Even with individually assembled products, we guarantee quick, quality-focused production and order-based product availability. From small quantities to complete location supplies: everything is available where you need it within a short space of time.

Online selection assistant
Whatever application you are planning – we deliver housing designs to fit a range of different applications. In order to make this process even more efficient, we offer a modular system from which you can put together your own individual enclosure design. To do this, simply use our online product assistant: **#01221**

Highlight

Control Station is a real highlight of our application range. This customer-specific assembled enclosure is a robust "on-site control station" and is perfect for emergency stop applications. It is used when it comes down to the safe switch-off of system components, such as in the process industry or machine construction.

Standards and definitions

Standards and definitions	Materials	D.2
	Standards and regulations	D.6
	Types	D.14
	Service and support	D.16

Materials

You can always rely on the high quality of the metals and insulating materials we use: they are subject to strict monitoring through a DIN EN ISO 9001 certified quality management system.

A high level of quality assurance is essential for us to always offer you first grade products. Starting with the quality management of our products based on ISO 9000 ff. through to permanent monitoring by independent institutes who monitor our production facilities, as well as quality management and our in-house laboratory. You therefore benefit from maximum reliability and durability!

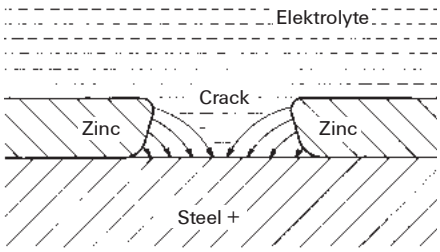
Accredited test laboratory
Reliability of technical data is of the highest priority for the user. Accreditation in accordance with DIN EN ISO/IEC 17025 through an external, independent institution (Deutsche Akkreditierungsstelle für Technik GmbH) attests to the competence of the laboratory to perform tests on terminal blocks, connectors, electronic equipment, including EMC and environmental testing. So you can be sure our products can be used everywhere – worldwide.

Metals

The metals we use are selected and processed with their surfaces treated according to the latest technical knowledge. In addition, our welding area is certified in accordance with DIN EN ISO 3834-3 for fusion welding of metal-based materials.

Steels

Steel ensures mechanical stability for all our connection systems. In order to permanently maintain the contact force, the steel parts are electrogalvanised and provided with additional passivation by means of a chromate layer. The advantage of surface protection with zinc lies in the high corrosion protection effect. It is also effective for a long time, even after the zinc coating has been partially damaged by scratches or pores. Furthermore, in the presence of an electrolyte, zinc acts as a cathode (i.e. negative) with respect to steel. The metal ions of the zinc migrate to the steel. This protects the underlying material from attack.



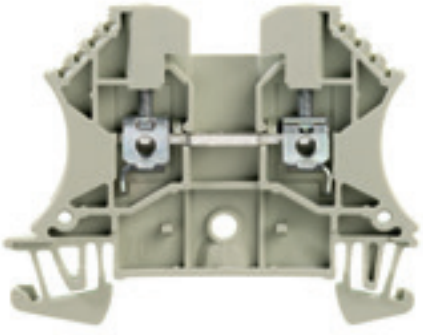
The surface protection ensures a high contact force, even in the presence of cracks

Conductive substances

The current-carrying materials copper, brass and bronze are characterised by high conductivity plus good mechanical properties. The surfaces are usually coated with zinc. Besides corrosion protection, this ensures high contactability, which leads to low contact resistance. Solder connections also have a zinc layer. In order to guarantee long-term solderability, an additional nickel coating is applied to the brass parts as a diffusion barrier. The nickel coating provides effective protection against outward diffusion of zinc atoms from the brass.

Connections proven a million times

Two materials are perfectly suited for our connection systems: steel provides for mechanical stability and copper for electrical conductivity. The terminal units consist of hardened steel – for very high contactability. The current bars are made of copper and ensure low voltage drops.



Whether rigid or flexible conductors, with or without wire-end ferrules – the right copper conductor is available for every connection system

Insulating materials

Insulating materials tailored to the respective application ensure that our products optimally meet your requirements. In the selection of materials, we take care in ensuring high environmental compatibility: the insulating materials we use are free from hazardous substances such as cadmium and colour pigments based on heavy metals, as well as substances forming dioxins and furans.

Material		Ceramic	Duroplasts	
Plastic/abbreviation		Ceramic	Gemin KrG	Epoxy resin (EP)
		Ceramic is an excellent material for electronics because it meets all requirements. Ceramic is heat resistant, water repellent, spark resistant and certified against leakage current. Thanks to its high mechanical strength, low loss factor and high heat resistance, the material has a high chemical stability and is favoured because of its minimal wear.	Duroplasts have high dimensional stability, low water absorption, extremely good tracking resistance and outstanding fire resistance. The continuous operating temperature is higher than that of thermoplastics. The deformation resistance of the duroplasts under elevated thermal load is better than for thermoplastics. A disadvantage compared with thermoplastics is the low flexibility of duroplasts.	
		Insulating material	Melamine resin moulding compound MF type 150 (DIN EN ISO 14 528) inorganic filler	Epoxy resin with inorganic filler
Colour		white	medium yellow	black
Description		• Top continuous operating temperature • High fire resistance • Liquid-repellent • High tracking resistance • Inherent flame protection	• High constant operating temperature • High fire resistance • High tracking resistance • Inherent flame protection • Halogen-free flame retardant material	• Very good electrical properties • Very high constant operating temperature • Resistant against high-energy radiation • Halogen and phosphorous-free flame retardant
Properties				
Volume resistance acc. to IEC 60093	Ω x cm	-	10^{11}	10^{14}
Dielectric strength acc. to IEC 60243-1	kV/mm	> 10	10	160
Tracking resistance (A) acc. to IEC 60112	CTI	≥ 600	≥ 600	≥ 600
Upper max. permissible limit temperature	°C	250	130	160
Lower max. permissible limit temperature (static)	°C	-60	-60	-60
Flammability acc. to UL 94		V-0 (5 V-B)	V-0 (5 V-A)	V-0
Flammability characteristics acc. to German railway standard				

Thermoplastics

Wemid	Polyamide (PA)	Polyamide (PAGF)	Polybutylene terephtalate (PBT)	Polycarbonate (PC)
Wemid is a modified thermoplastic which has properties tailored to meet the requirements of our line connectors. Advantages over PA are the improved fire protection and the higher continuous operating temperature. Wemid meets the strict requirements for use in railway vehicles acc. to NF F 16-101.	**Polyamide (PA)** is one of the most widely used engineering plastics. The advantages of this substance are its good electrical and mechanical properties, its flexibility and lack of fracture susceptibility. In addition, PA offers good fire resistance on account of its chemical structure, even without the addition of flame retardants.	**Glass-fibre reinforced polyamide (PAGF)** offers outstanding dimensional stability and very good mechanical properties. This makes a difference when used as an end bracket. As compared to non-reinforced PA, this material has flammability rating HB according to UL 94.	**Thermoplastic polyester (PBT)** offers excellent dimensional stability (hence its use in plug connectors) and a high constant operating temperature. Compared to other insulating materials, the creepage-current resistance is lower.	
Special Weidmüller insulating material	Insulating material	Insulating material	Depending on application with or without glass fibre reinforcement	Depending on application with or without glass fibre reinforcement
dark beige	**beige**	**beige**	**orange**	**grey**
• Higher continuous operating temperature • Improved fire resistance • Halogen- and phosphorous-free flame retardant • Low smoke produced in the event of fire • Permitted for use in railway applications acc. to NF F 16-101	• Flexible, lack of fracture susceptibility • Good electrical and mechanical characteristics • Self-extinguishing characteristic • Halogen-free flame retardant material	• Excellent dimensional stability • Very good mechanical characteristics • Halogen-free flame retardant material	• High dimensional stability • Good electrical and mechanical characteristics • Flame retardant that does not form dioxins or furans	• High dimensional stability • High continuous operating temperature • High electrical insulation properties • Halogen-free flame retardant material
10^{12}	10^{12}	10^{12}	10^{13}	10^{16}
25	30	30	28	≥ 30
600	600	500	200	≥ 175
130	100	100	115 / 130	115 / 125
–60	–50	–50	–50	–50
V-0	V-2	HB	V-0	V-2 / V-0
I2 / F2 *)				I2 / F2
*) also certified to LUL E 1042				

Relevant standards – an overview

Standards have the status of a recommendation and are not legally binding. They serve to ensure the safety of systems and represent the acknowledged state of the art. We therefore always recommend compliance with the contents – irrespective of agreements and customer requirements.

The Low Voltage Directive IEC/EN 61439

Since November 2014, IEC/EN 61439 has replaced the previously applicable standard IEC/EN 60439 for low-voltage switchgear and controlgear assemblies. It comprises seven parts:

1. General rules for low-voltage switchgear and controlgear assemblies (SCA)
2. Power switchgear and controlgear assemblies (PSC)
3. Distribution boards
4. Assemblies for construction sites
5. Cable distribution cabinets
6. Busbar distribution systems
7. Assemblies for marinas, camping sites, electric vehicles charging stations (preliminary standard)

In order to confirm compliance with IEC/EN 61439, it is important that you always refer to Part 1 and one of the following parts. The standard is addressed to every manufacturer and operator of switchgear and controlgear assemblies (SCA) up to 1,000 V AC and 1,500 V DC. Irrespective of whether you assemble the SCA stationary or mobile, with or without enclosure system.

The low-voltage switchgear standard IEC/EN 60947-1

This standard applies for industrial low-voltage switchgear assemblies used in circuits up to 1,000 V AC or 1,500 V DC. It defines the general rules and requirements for low-voltage switchgear assemblies. This includes, for example, the definition, characteristic features, information to be supplied, normal conditions for operation, installation and transport as well as requirements for the construction and verification of characteristic features and behaviour.

Interaction between the standards

IEC/EN 61439 for switchgear and controlgear assemblies

With the withdrawal of the previous version on 23 September 2014, the DIN EN 61439: 20 0-06 standard for "Low-voltage switchgear and controlgear assemblies" – Part 1: General rules became binding for the switchgear and controlgear assemblies defined. This standard includes a series of changes that you have to consider as a switchgear manufacturer. However, these changes have no direct influence on the components, such as terminal blocks, which have to comply with the relevant product standard.

The importance of DIN EN 61439 for components

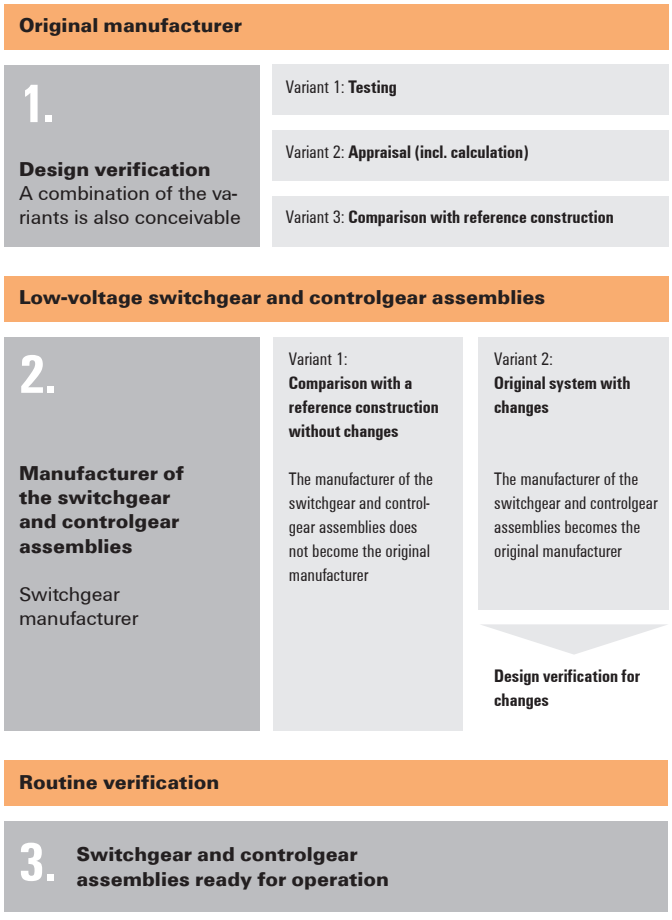
Components that meet the requirements of the applicable product standard are suitable for direct use in switchgear systems. They must, however, take the definitions of standard series DIN EN 61439 into consideration.

The properties required from DIN EN 61439-1 are covered by the product standard for terminal blocks EN 60947-7-1(2, 3). As an aid for the required design verification for switchgear and controlgear assemblies, the following table provides you with further information on terminal blocks. Additional design verification is not required for individual items of equipment or components.

Summarised

- IEC/EN 61439 is a new series of standards for the construction of switchgear and controlgear systems
- With the design verification, you as the manufacturer provide evidence for the suitability of the system
- You still confirm conformity with the standard by signing the EC Declaration of Conformity

Low-voltage switchgear and controlgear assembly



Guidelines for the construction of a switchgear and controlgear assemblies in accordance with the standard

Checklist design verification according to IEC/EN 61439

Design verification for terminal blocks and their accessories

Nr.	Characteristics to be proved	Section	Adaptability for terminal blocks
1	Strength of material and parts:	10.2	
	• Corrosion resistance	10.2.2	The requirements refer exclusively to cabinets for switchgear.
	properties of insulation material:	10.2.3	Terminal blocks are designated for the installation in appropriate cabinets.
	• Thermal stability	10.2.3.1	
	• Resilience to extreme heat and fire due to internal electrical effects	10.2.3.2	The requirements refer exclusively to parts of the switchgear and controlgear assembly. Inserted components like terminal blocks are not affected.
	• Resistance to UV radiation	10.2.4	Terminal blocks are designated for the installation in cabinets, thus not relevant
	• Lifting	10.2.5	Terminal blocks are designated for the installation in cabinets, thus not relevant
	• Impact test	10.2.6	Terminal blocks are designated for the installation in cabinets, thus not relevant
	• Marking	10.2.7	Terminal blocks bear the inscriptions, like it is determined in section 5 of the product standard.
2	Degree of protection and enclosures	10.3	Terminal blocks are designated for the installation in cabinets, thus not relevant
3	Clearances	10.4	The required clearances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).
4	Creepage distances	10.4	The required creepage distances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).
5	• Protection against electric shock and integrity of protective circuits	10.5	Covered by the type test for modular PE conductor terminals according to EN 60947-7-2. The quality and consistency of the PE conductor connection has to be verified by resistance
	• Effective continuity between the exposed conductive parts of the assembly and the protective circuit	10.5.2	measurement at the end use.
	• Short-circuit withstand strength of the protective circuit	10.5.3	Not relevant, has to be judged in the end use. PE conductor terminals are subjected to a test of short-time withstand current in the context of the type test according to EN 60947-7-2.
6	Installation of equipment	10.6	Installation and tight fit of terminal blocks is secured by the requirements and relevant tests according to the product standard.
7	Internal circuits and connections	10.7	Not relevant, has to be judged in the end use for terminal blocks.
8	Connections for conductors inserted from outside	10.8	Secured by selection of the terminal block as well as its type test according to EN 60947-7-1(2). The final assessment has to be made in the end use.
9	Insulation properties:	10.9	Tests to the insulation properties are part of the dimensioning of type tested terminal blocks
	• Operating frequency dielectric strength	10.9.2	according to EN 60947-7-1(2).
	• Surge voltage strength	10.9.3	The verification for the switchgear and controlgear assembly takes place in the end use for the terminal blocks.
10	Temperature rise limits	10.10	The rated values for terminal blocks according to EN 60947-1(2 ,3) can be used for the dimensioning of the temperature rise limits. The verification has to be provided for the respective application, e.g. by measurement or calculation. The calculation of the terminal block's power dissipation can take place in the application by means of the electrical resistance as a function of current: $P_{loss} = R_{max} * I^2$
			Following maximum resistances per electrical potential according to EN 60947-7-1(2, 3) subject to the cross section for the terminal block are permitted:

Cross section/mm²	1.5	2.5	4	6	10	16	25	35
Electrical resistance/mΩ	1.83	1.33	1.00	0.78	0.56	0.42	0.32	0.26

Cross section/mm²	50	70	95	120	150	185	240	300
Electrical resistance/mΩ	0.21	0.17	0.14	0.12	0.10	0.09	0.08	0.06

11	Short-circuit withstand strength	10.11	**For cross sections up to 35 mm²** In sectors after current-limiting (5ms) protections devices <100 A (fort Icp <10 kA) At an unaffected short-circuit current of the grid Icp <=10 kA (in front of the switchgear), a forward current ID with maximum 17 kA will arise with an upstream protection device. According to the section 10.11.2 of EN 61439-1, the switchgear manufacturer does not have to provide evidence in this case. This requirement is fulfilled by protection devices up to 100 A equipment (application of up to 35 mm² terminal blocks). **For cross sections from 50 mm²** In sectors after current-limiting (5 ms) protection devices <=630 A (Icp >10 kA) At an unaffected short-circuit current of the grid Icp >10 kA (in front of the switchgear), a forward current ID will flow of up to the period of 5 ms with an upstream protection device. The switchgear manufacturer has to provide evidence for the maximum forward current ID by declaration of the terminal block's Ipk (surge current strength, which the terminal block is able to conduct without being destroyed).
12	Electromagnetic compatibility	10.12	Not relevant, because terminal blocks are seen as passive components according to the product standard EN 60947-7-1(2, 3).
13	Mechanical operation	10.13	Not relevant

Technical requirements from the standards

Rated cross-section
The rated cross-section of a terminal block is the value of the connectable wire cross-section, as specified by the manufacturer. This serves as a reference for certain thermal, mechanical and electrical requirements. The rated cross-section is selected from the following standard cross-sections: 0.2 – 0.5 – 0.75 – 1.0 – 1.5 – 2.5 – 4.0 – 6.0 – 10 – 16 – 25 – 35 – 50 – 70 – 95 – 120 – 150 – 240 – 300 mm².

Terminal blocks have a rated connection capacity that is at least two levels lower than the rated cross-section. The conductors can be solid, stranded or flexible, possibly with conductor end pretreatment. The verification of the rated cross-section is performed with gauges according to IEC 60947-1.

Rated current IEC 60947-7-1
Test currents are assigned to the rated cross-sections according to IEC 60947-7-1. These rated currents cause no impermissible heat transfer to the terminal:

mm²	1.5	2.5	4.0	6.0
A	17.5	24	32	41
mm²	10	16	25	35
A	57	76	101	125
mm²	50	70	95	120
A	150	192	232	269
mm²	150	185	240	300
A	309	353	415	520

Conventional free-air thermal current (Ith)
The conventional thermal current in free air (Ith) is the highest test current for heating tests of unenclosed devices (see 4.3.2.1 of IEC 60947-1.) This applies exclusively to terminal blocks with multiple connection levels (multi-tier terminals) and to test-disconnect terminal blocks for which current reduction is permissible.

Rated voltage IEC 60947-7-1
The rated voltage of a terminal block is the rated insulation voltage to which the insulation tests and creepage distances relate. It is determined analogously to IEC 60664-1.

Rated surge voltage IEC 60947-7-1
The rated surge voltage is the peak value of a surge voltage with which the terminal blocks can be subjected. The clearance distances in IEC 60947-1 and IEC 60664-1 are related to it.

Pollution severity IEC 60947-7-1
The pollution severity defines the influence of solid, liquid or gaseous foreign matter, which may reduce the dielectric strength or the specific surface resistance. Pollution severity 3 has been specified for terminal blocks for industrial applications: conductive contamination occurs on dry, non-conductive contamination which becomes conductive as moisture condensation may also occur. The minimum air clearance measurement is defined in IEC 60947-7-1 in conjunction with the rated surge voltage.

Operating conditions
The terminal blocks can be operated under the following normal conditions:
- Ambient temperature –5 °C to +40 °C, mean value 24 h +35 °C
- Altitude up to 2000 m above sea level
- Relative humidity: 50 % at +40 °C, 90 % at +20 °C

Testing the contact security

Construction requirements
IEC 60947-7-1 requires that clamping points must ensure a reliable mechanical and electrical connection with permanent contact.

Tests
Standardised tests offer you the assurance that wired connections comply with the required conditions.
IEC 60947-7-1 stipulates a series of tests for wire connections in terminal blocks. One or more terminals of a particular type are tested for agreement with certain limit values. These include:

- Insulation test
- Evidence of the voltage drop
- Testing of the short-time withstand current capacity
- Aging testing for terminal blocks with tension clamp, insulation displacement and PUSH IN connection technology

Special testing
Beyond the stipulated scope of type testing, further tests can be performed at your own discretion or in agreement with the user.

Contact security
The high level of contact security and reliability are verified with our systems using various tests (see table).

1 Type testing acc. to IEC 60947-7-1

2 Stricter Weidmüller tests
2.1 Mechanical tests:
- Vibration testing to Weidmüller requirements
- Natural resonance characteristics acc. to IEC 60068-2-6
- Shock and vibration testing acc. to BV 0440/... and BV 0430/

2.2 Environmental testing:
- Cold testing acc. to EN 60068-2-1
- Damp heat (steady state) acc. to IEC 60512-6 test 11c
- Damp heat (steady state) acc. to IEC 60068-2-30
- Damp heat (cyclic) acc. to IEC 60068-2-30
- Salt spray testing acc. to IEC 60068-2-11
- Sulphur dioxide SO2 acc. to IEC 60068-2-42
- Hydrogen sulphide H2S acc. to IEC 60068-2-43
- Gas tightness acc. to IEC 605 12_6_PR 11n

3 National and international approvals

4 Practice, i.e. the use of systems in harsh areas of application in industry, e.g. Ex applications

Protection against inadvertent, direct touching, of hazardous live parts

Touch-safe protection acc. to IEC 60529
The IP protection class, for example, IP20 against direct touching, relates to electrical equipment intended for installation in claddings. It is usually protected against direct (accidental) touching by fingers. Touch-safe protection acc. to IEC 60529 is therefore satisfied. You can test it acc. to IEC 61032 in all actuating directions by using a jointed test finger with a force of 10 N.

Finger safety according to DIN EN 61031
Finger safety is satisfied if, according to EN 61032, the straight test finger does not touch any hazardous parts in the actuating direction. You conduct this test with conductors of the rated cross-section connected.

Back of hand safety according to EN 61032
Back of hand safety is satisfied if, according to EN 61032, a sphere of diameter 50 (+0.01) mm with a force of 50 (±5) N does not touch any hazardous parts.

Actuation conditions according to IEC 60947-7-3
IEC 60947-7-3 paragraph 7.1.8 specifies that fuse terminal blocks must be constructed in such a way that live parts cannot be touched. Finger safety for live parts of the cartridge fuse must be maintained while the cartridge fuse is replaced. If it is necessary to maintain protection against electric shock, label with “line-load” or arrows that indicate the energy flow direction.

In general:
Not all installation components have to be configured touch-safe, as in the example of terminal blocks. A touch-safe construction is only required if these components are arranged in a direct radius of 30 mm around the operation elements and the system cannot be insulated (exception allowed on the basis of the construction using accessories in each case).

Terminal blocks in the Ex environment

Harsh industrial environments and explosive risk zones, such as in the oil and gas industry, make extreme demands on safety, robustness and quality of products and devices. Numerous standards describe what has to be considered in Ex environments. They serve as the basis for extensive approvals.

Issuing of the type examination certificate
Notified bodies issue you EC/EU type examination certificates in accordance with EN 60079-0/60079-7 and the ATEX Directive. EU type examination certificates in accordance with Directive 94/9/EC are also recognised under the new Directive 2014/34/EU. By issuing the Production Quality Assurance Notification, a notified body confirms that the requirements of the ATEX Directive are fulfilled according to Annexes IV and VII.

Confirmed according to the European Ex Directive Basic principles
The basic provisions for terminal blocks and PE terminal blocks are IEC 60947-7-1 (EN 60 947-7-1 / VDE 0611T.1) and IEC 60 947-7-2 (EN 60 947-7-2 / VDE 0611T.3).
EN 60079-0 is applicable for use in explosive risk zones and in case of elevated safety “e” EN 60079-7.

Terminal blocks in the Ex environment
According to EN 60079-0, Ex terminal blocks are "Ex components". By definition, these are components required for the safe operation of devices and protection systems, without fulfilling an autonomous function, however. They are approved for explosion protection type "e" and, according to the European ATEX Directive, they are not identified with the CE mark.

Electrical data
The values of current-carrying capacity specified in the catalogue relate to an ambient temperature of 40 °C. On loading with a rated current +10 %, the current bar of the terminal blocks heats up by a maximum of 40 K. Taking a further safety margin from EN 60079-0 into account, the following definitions arise:

Temperature class	Ambient temperature
General	–60 to +110 °C
T6	–60 to +40 °C
T5	–60 to +55 °C
T4	–60 to +70 °C

The permitted nominal current must be reduced accordingly if the actual ambient temperature is higher. The continuous operating temperature according to EN 60079-0 for the material KrG is 130 °C, for Wemid 130 °C and for the material PA 80 °C.

Identification

ATEX-directive: Ⓔx II 2 GD
Ⓔx Ex equipment
II 2-G device group II category 2 (Zone 1 equipment)
II 2-D device group II category 2 (Zone 21 equipment)
EN 60079-7: Ex e II
Ex Explosion protection
e Increased safety
II Equipment group
DEMKO 14ATEX1338U (example)
DEMKO Notified body
ATEX Conformity with ATEX Directive
U Component

Accessories
The accessories you can use is listed in the Ex certificates. To adhere to the creepage and clearance distances for Ex e, use terminations and partition plates.

Design and accessories for Ex i
Terminal blocks for intrinsically-safe circuits ("i") are passive components. Therefore, for use in intrinsically-safe circuits, you do not need a type examination certificate. We recommend blue terminals for clear identification and easy recognition. These, as well as the accessories, have to comply with the type according to EN 60079-11.

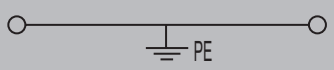
Clamping capacity of two conductors under Ex e
In case of the terminal block with screw connection (W-Series), it is generally permissible to also connect two conductors per clamping point, provided this is verified in the scope of type testing according to IEC 60947-7-1 and 60947-7-2. It is important to be sure that two of the same cross-sections are used below the rated cross-section.

ATEX directives
Since July 1, 2003, all new facilities in explosion risk zones must be certified according to ATEX Directive 94/9/EC or ATEX 95 (ATEX: ATmosphère EXplosive = explosive atmosphere). This directive is one of the "New Approach" directives. It is valid in all countries of the European Economic Area ("EEA"), as well as Iceland, Lichtenstein and Norway. In these countries, the directive refers to the sale and commissioning of products which have been designed particularly for high explosion risk environments (where explosive atmospheres exist due to gases, vapours, mists or dusts).

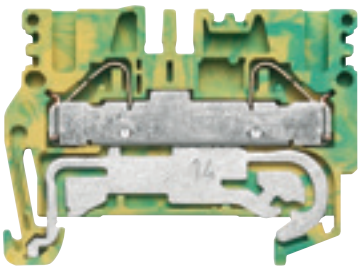
Directive 94/9/EC was superseded on April 20, 2016 by the directive 2014/34/EU.

Definitions of design types

PE terminal blocks



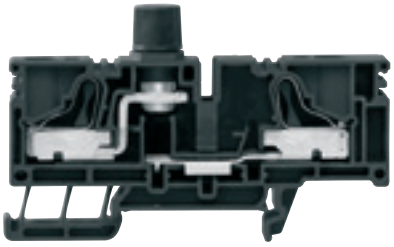
Functional description:
PE terminal blocks establish the electrical and mechanical connection between copper conductors and the mounting support plate. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.



Relevant standards:
- IEC 60947-7-2

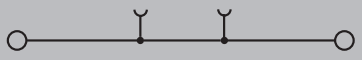
Fuse terminal blocks

Functional description:
Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

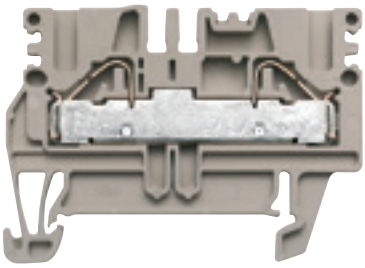


Relevant standards:
- IEC 60947-7-3
  in conjunction with VDE 0636
- IEC 60127-2

Feed-through terminal blocks



Functional description:
A feed-through terminal block is suitable for joining and/or connecting conductors and can have one or more connection levels that are insulated against one another.



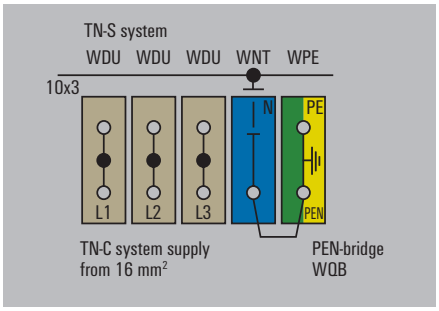
Relevant standards:
- IEC 60947-7-1 / EN 60947-7-1

PEN function

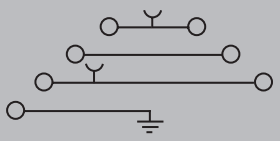
For the PEN function application, it is only permissible to use copper terminal rails according to IEC 60947-7-2.

Using TS 35 × 15

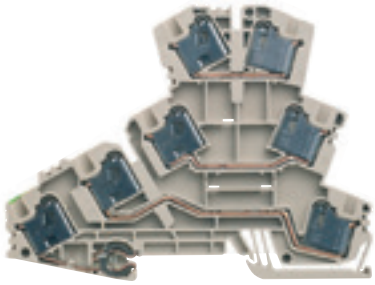
TS 35 × 15 terminal rails for PE terminal blocks with a minimum rated cross-section of 16 mm² guarantee compliance with the required current-carrying capacity.



Multi-tier distribution terminal blocks



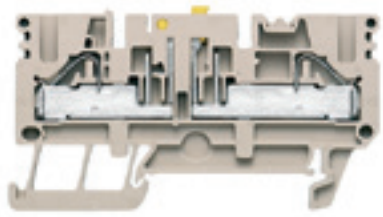
Functional description:
Multi-tier distribution terminal blocks have several connection levels and are used to join and/or connect external, neutral and protective earth conductors with a conducting PE connection to the mounting support plate. The N conductor can be disconnected to measure the insulation.



Relevant standards:
- IEC 60947-7-1
- IEC 60947-7-2
- DIN VDE 0611-4

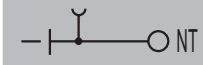
Test disconnect terminal blocks

Functional description:
You can use test disconnect terminal blocks to test and measure electric circuits in the absence of voltage. While the disconnecting point's clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

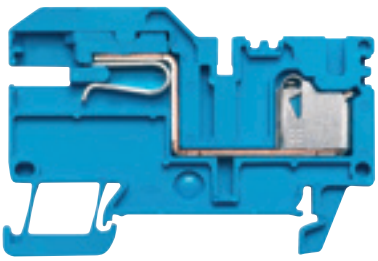


Relevant standards:
- IEC 60947-7-1

Neutral conductor disconnect terminal blocks



Functional description:
Neutral conductor disconnect terminal blocks have one longitudinal disconnector for connection to a neutral conductor busbar. The longitudinal disconnector is used to measure the insulation resistance against earth. It also enables simple testing without any need to disconnect the neutral conductor.



Relevant standards:
- IEC 60947-7-1

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DLA 2.5/LD-RT DB	1783600000	B.71
DLD 2.5 DB	1784180000	B.68
DLD 2.5/PE DB	1783790000	B.68
DLI 2.5 DB	1783820000	B.69
DLI 2.5/LD-GN/NPN -+ DB	1783940000	B.69
DLI 2.5/LD-GN/PNP +- DB	1783970000	B.69
DLI 2.5/LD-RT/NPN -+ DB	1783950000	B.69
DLI 2.5/LD-RT/PNP +- DB	1783980000	B.69
DS 13.5 WTL6/4FF	1897000000	B.60
DS 13.5 WTL6/4FF	1897000000	B.60

E

E 14/10A RT	0328400000	A.214
E 14/10A RT	0328400000	A.220
E 14/16A GR	0328500000	A.220
E 14/2A RS	0137400000	A.214
E 14/2A RS	0137400000	A.220
E 14/4A BR	0137500000	A.214
E 14/4A BR	0137500000	A.220
E 14/6A GN	0328300000	A.214
E 14/6A GN	0328300000	A.220
E 16/10A RT TNDZ	0208500000	A.214
E 16/10A RT TNDZ	0208500000	A.220
E 16/16A GR TNDZ	0208600000	A.214
E 16/16A GR TNDZ	0208600000	A.220
E 16/20A BL TNDZ	0208700000	A.214
E 16/20A BL TNDZ	0208700000	A.220
E 16/25A GE TNDZ	0208800000	A.214
E 16/25A GE TNDZ	0208800000	A.220
E 18/20A BL	0361300000	A.215
E 18/20A BL	0361300000	A.221
E 18/25A GE	0361400000	A.215
E 18/25A GE	0361400000	A.221
E 18/35A SW	0361500000	A.215
E 18/35A SW	0361500000	A.221
E 18/50A WS	0361600000	A.221
E 18/63A KU	0361700000	A.221
EBB 25-50/16	1547490000	B.104
EMC-TIE	1067490000	B.98
ESCH 1 M	0280300000	C.12
ESG 6/15 K MC NE WS	1880100000	A.212
ESG 6/15 K MC NE WS	1880100000	A.212
ESG 9/17 K MC SDR	1674770000	B.12
ESO 7 DIN A4 WS	1607720000	A.129
ESO 7 DIN A4 WS	1607720000	A.129
EW 15	0382860000	A.164
EW 15	0382860000	A.164
EW 15	0382860000	A.166
EW 15	0382860000	A.168
EW 15	0382860000	A.184
EW 15	0382860000	A.192
EW 15	0382860000	C.21
EW 15/2	1071900000	C.21
EW 35	0383560000	A.167
EW 35	0383560000	A.167
EW 35	0383560000	B.68
EW 35	0383560000	B.68
EW 35	0383560000	B.69
EW 35	0383560000	B.69
EW 35	0383560000	B.69
EW 35	0383560000	B.70
EW 35	0383560000	B.70
EW 35	0383560000	B.71
EW 35	0383560000	B.71
EW 35	0383560000	C.21
EW 35 DB	1269050000	C.21
EW 35 GR 7032	0383530000	C.21
EW 35/SCHA/M3	0258660000	B.60
EW 35/SCHA/M3	0258660000	B.60
EWK 1	0206160000	A.52
EWK 1	0206160000	A.53
EWK 1	0206160000	B.50
EWK 1	0206160000	B.60
EWK 1	0206160000	B.60
EWK 1	0206160000	C.21
EWK 2	0199360000	C.21

F

FEKO ET ZRV2.5 0.2-0.35	1893940000	A.135
FEKO ET ZRV2.5 0.2-0.35	1893940000	A.135
FEKO ET ZRV2.5 0.5-1	1893970000	A.135
FEKO ET ZRV2.5 0.5-1	1893970000	A.135
FEKO ET ZRV2.5 1.5-2.5	1893990000	A.135
FEKO ET ZRV2.5 1.5-2.5	1893990000	A.135
FEKO ZRV2.5 0.2-0.35	1854750000	A.135
FEKO ZRV2.5 0.2-0.35	1854750000	A.135
FEKO ZRV2.5 0.5-1	1854760000	A.135
FEKO ZRV2.5 0.5-1	1854760000	A.135
FEKO ZRV2.5 1.5-2.5	1848480000	A.135
FEKO ZRV2.5 1.5-2.5	1848480000	A.135
FKSC M5X8 D9/SW2.5	0295900000	C.22
FKSC M6X12 D9/SW3	0353500000	C.22
FKSC M6X8 D9/SW3	0642600000	C.22
FM 4.2/TS35	1724580000	C.23
FM 4/TS35	0687900000	B.96
FM 4/TS35	0687900000	C.23
FM 5/TS35	0636800000	C.23
FM 6/TS35	0636900000	C.23
FUCR 100-250V SW	1167680000	B.78
FUCR 100-250V SW	1167680000	B.79
FUCR 100-250V SW	1167680000	B.80
FUCR 100-250V SW	1167680000	B.80
FUCR 100-250V SW	1167680000	B.81
FUCR 100-250V SW	1167680000	B.82
FUCR 100-250V SW	1167680000	B.83
FUCR 100-250V SW	1167680000	B.83
FUCR 100-250V SW	1167680000	B.86
FUCR 10-36V SW	1167640000	B.78
FUCR 10-36V SW	1167640000	B.79
FUCR 10-36V SW	1167640000	B.80
FUCR 10-36V SW	1167640000	B.80
FUCR 10-36V SW	1167640000	B.81
FUCR 10-36V SW	1167640000	B.82
FUCR 10-36V SW	1167640000	B.83
FUCR 10-36V SW	1167640000	B.83
FUCR 10-36V SW	1167640000	B.86
FUCR 30-70V SW	1167650000	B.86
FUCR 60-150V SW	1167670000	B.86
FUCR SW	1167630000	B.78
FUCR SW	1167630000	B.79
FUCR SW	1167630000	B.80
FUCR SW	1167630000	B.80
FUCR SW	1167630000	B.81
FUCR SW	1167630000	B.82
FUCR SW	1167630000	B.83
FUCR SW	1167630000	B.83
FUCR SW	1167630000	B.86
FUSE 1KV DC 10A 10/38	1224910000	A.213
FUSE 1KV DC 10A 10/38	1224910000	A.221
FUSE 1KV DC 12A 10/38	1224920000	A.213
FUSE 1KV DC 12A 10/38	1224920000	A.221
FUSE 1KV DC 16A 10/38	1224930000	A.213
FUSE 1KV DC 16A 10/38	1224930000	A.221
FUSE 1KV DC 20A 10/38	1224950000	A.213
FUSE 1KV DC 20A 10/38	1224950000	A.221
FUSE 1KV DC 2A 10/38	1224870000	A.213
FUSE 1KV DC 2A 10/38	1224870000	A.221
FUSE 1KV DC 4A 10/38	1224880000	A.213
FUSE 1KV DC 4A 10/38	1224880000	A.221
FUSE 1KV DC 6A 10/38	1224890000	A.213
FUSE 1KV DC 6A 10/38	1224890000	A.221
FUSE 1KV DC 8A 10/38	1224900000	A.213
FUSE 1KV DC 8A 10/38	1224900000	A.221

G

G 20/0.10A/F	0430300000	A.220
G 20/0.10A/F	0430300000	A.45
G 20/0.20A/F	0430400000	A.220
G 20/0.20A/F	0430400000	A.45
G 20/0.25A/F	0430500000	A.108
G 20/0.25A/F	0430500000	A.109
G 20/0.25A/F	0430500000	A.112
G 20/0.25A/F	0430500000	A.114
G 20/0.25A/F	0430500000	A.116
G 20/0.25A/F	0430500000	A.117
G 20/0.25A/F	0430500000	A.117
G 20/0.25A/F	0430500000	A.204
G 20/0.25A/F	0430500000	A.206
G 20/0.25A/F	0430500000	A.207
G 20/0.25A/F	0430500000	A.210
G 20/0.25A/F	0430500000	A.216
G 20/0.25A/F	0430500000	A.216
G 20/0.25A/F	0430500000	A.218
G 20/0.25A/F	0430500000	A.220
G 20/0.25A/F	0430500000	A.44
G 20/0.25A/F	0430500000	A.45
G 20/0.50A/F	0430600000	A.108
G 20/0.50A/F	0430600000	A.109
G 20/0.50A/F	0430600000	A.112
G 20/0.50A/F	0430600000	A.114
G 20/0.50A/F	0430600000	A.116
G 20/0.50A/F	0430600000	A.117
G 20/0.50A/F	0430600000	A.117
G 20/0.50A/F	0430600000	A.204
G 20/0.50A/F	0430600000	A.206
G 20/0.50A/F	0430600000	A.207
G 20/0.50A/F	0430600000	A.210
G 20/0.50A/F	0430600000	A.216
G 20/0.50A/F	0430600000	A.216
G 20/0.50A/F	0430600000	A.218
G 20/0.50A/F	0430600000	A.220
G 20/0.50A/F	0430600000	A.44
G 20/0.50A/F	0430600000	A.45
G 20/0.63A/F	0439000000	A.220
G 20/0.63A/F	0439000000	A.45
G 20/1.00A/F	0430700000	A.108
G 20/1.00A/F	0430700000	A.109
G 20/1.00A/F	0430700000	A.112
G 20/1.00A/F	0430700000	A.114
G 20/1.00A/F	0430700000	A.116
G 20/1.00A/F	0430700000	A.117
G 20/1.00A/F	0430700000	A.117
G 20/1.00A/F	0430700000	A.204
G 20/1.00A/F	0430700000	A.206
G 20/1.00A/F	0430700000	A.207
G 20/1.00A/F	0430700000	A.210
G 20/1.00A/F	0430700000	A.216
G 20/1.00A/F	0430700000	A.216
G 20/1.00A/F	0430700000	A.218
G 20/1.00A/F	0430700000	A.220
G 20/1.00A/F	0430700000	A.44
G 20/1.00A/F	0430700000	A.45
G 20/1.60A/F	0430800000	A.220
G 20/1.60A/F	0430800000	A.45
G 20/2.00A/F	0430900000	A.108
G 20/2.00A/F	0430900000	A.109

Type	Order No.	Page
G 20/2.00A/F	0430900000	A.112
G 20/2.00A/F	0430900000	A.114
G 20/2.00A/F	0430900000	A.116
G 20/2.00A/F	0430900000	A.117
G 20/2.00A/F	0430900000	A.117
G 20/2.00A/F	0430900000	A.204
G 20/2.00A/F	0430900000	A.206
G 20/2.00A/F	0430900000	A.207
G 20/2.00A/F	0430900000	A.210
G 20/2.00A/F	0430900000	A.216
G 20/2.00A/F	0430900000	A.216
G 20/2.00A/F	0430900000	A.218
G 20/2.00A/F	0430900000	A.220
G 20/2.00A/F	0430900000	A.44
G 20/2.00A/F	0430900000	A.45
G 20/2.50A/F	0431000000	A.220
G 20/2.50A/F	0431000000	A.45
G 20/3.15A/F	0431100000	A.220
G 20/3.15A/F	0431100000	A.45
G 20/4.00A/F	0431200000	A.220
G 20/4.00A/F	0431200000	A.45
G 20/5.00A/F	0431300000	A.220
G 20/5.00A/F	0431300000	A.45
G 20/6.30A/F	0431400000	A.220
G 20/6.30A/F	0431400000	A.45
G 25/0.25A/M GE	0546900000	A.220
G 25/0.50A/M WS	0510300000	A.109
G 25/0.50A/M WS	0510300000	A.112
G 25/0.50A/M WS	0510300000	A.117
G 25/0.50A/M WS	0510300000	A.220
G 25/0.80A/M GR	0646400000	A.220
G 25/1.00A/M RT	0265800000	A.109
G 25/1.00A/M RT	0265800000	A.112
G 25/1.00A/M RT	0265800000	A.117
G 25/1.00A/M RT	0265800000	A.220
G 25/10.0A/M RT	0193100000	A.220
G 25/2.00A/F BL	0192700000	A.109
G 25/2.00A/F BL	0192700000	A.112
G 25/2.00A/F BL	0192700000	A.117
G 25/2.00A/F BL	0192700000	A.220
G 25/4.00A/F BR	0192800000	A.109
G 25/4.00A/F BR	0192800000	A.112
G 25/4.00A/F BR	0192800000	A.117
G 25/4.00A/F BR	0192800000	A.220
G 25/6.30A/F GN	0192900000	A.220
GHDE ZPS2.5/1AN	1866070000	A.139
GWHUE M3 WTL6	1255010000	B.48
GWHUE M3 WTL6	1255010000	B.48
GZ 0.5A/F	1460580000	A.220
GZ 1.0A/F	1460590000	A.220
GZ 10.0A	0293900000	A.110
GZ 10.0A	0293900000	A.111
GZ 10.0A	0293900000	A.205
GZ 10.0A	0293900000	A.208
GZ 10.0A	0293900000	A.209
GZ 10.0A	0293900000	A.211
GZ 10.0A/F	1460640000	A.220
GZ 12.5A/F	1460650000	A.220
GZ 2.0A	0294500000	A.205
GZ 2.0A	0294500000	A.208
GZ 2.0A	0294500000	A.209
GZ 2.0A	0294500000	A.211
GZ 2.0A/F	1460600000	A.220
GZ 3.0A/F	1460610000	A.220
GZ 5.0A	0294600000	A.205
GZ 5.0A	0294600000	A.208
GZ 5.0A	0294600000	A.209
GZ 5.0A	0294600000	A.211
GZ 5.0A/F	1460620000	A.220
GZ 7.0A/F	1460630000	A.220

H

HA ADP WF6/WF10	1781050000	A.266
HA ADP WF6/WF10	1781050000	A.266
HA ADP WF6/WF10	1781050000	A.267
HA ADP WF6/WF10	1781050000	A.267
HA ADP WF6/WF10	1781050000	A.267
HA ADP WF6/WF10	1781050000	A.268
HA ADP WF6/WF10	1781050000	A.268
HA ADP WF6/WF10	1781050000	A.269
HA ADP WF6/WF10	1781050000	A.269
HA ADP WF6/WF10	1781050000	A.269
HA ADP WF6/WF10	1781050000	A.270
HA ADP WF6/WF10	1781050000	A.270
HA ADP WF6/WF10	1781050000	A.271
HBT 1,5 - 3,0 RT	1312440000	A.171
HBT 1,5 - 3,0 RT	1312440000	A.171
HBT 1,5 - 3,0 RT	1312440000	A.217
HBT 1,5 - 3,0 RT	1312440000	A.227
HBT 1,5 - 3,0 RT	1312440000	A.228
HBT 1,5 - 3,0 RT	1312440000	A.228
HBT 1,5 - 3,0 RT	1312440000	A.229
HBT 1,5 - 4,6 RT	1233340000	A.173
HBT 1,5 - 4,6 RT	1233340000	A.173
HBT 1,5 - 4,6 RT	1233340000	A.175
HBT 1,5 - 4,6 RT	1233340000	A.175
HBT 2,5 - 3,0 BL	1312450000	A.171
HBT 2,5 - 3,0 BL	1312450000	A.171
HBT 2,5 - 3,0 BL	1312450000	A.217
HBT 2,5 - 3,0 BL	1312450000	A.227
HBT 2,5 - 3,0 BL	1312450000	A.228
HBT 2,5 - 3,0 BL	1312450000	A.228
HBT 2,5 - 3,0 BL	1312450000	A.229
HBT 2,5 - 4,6 BL	1233330000	A.173
HBT 2,5 - 4,6 BL	1233330000	A.173
HBT 2,5 - 4,6 BL	1233330000	A.175
HBT 2,5 - 4,6 BL	1233330000	A.175
HBT 6,0 - 4,6 GE	1216230000	A.173
HBT 6,0 - 4,6 GE	1216230000	A.173
HBT 6,0 - 4,6 GE	1216230000	A.175
HBT 6,0 - 4,6 GE	1216230000	A.175
HP 1 ADP1	0485560000	C.24
HP 2 ADP2	0485660000	C.24
HP 3 ADP3	0485760000	C.24
HP 4 ADP3	0485860000	C.24
HP 7 TSK31.5	0258260000	C.24
HSS 1/2 4.8-11.4/50Y	1962120000	B.18
HSS 1/2 4.8-11.4/50Y	1962120000	B.18
HSS 1/2 4.8-11.4/50Y	1962120000	B.19
HTF AFK 2.5	9201040000	A.135
HTF AFK 2.5	9201040000	A.135
HTF ZRV	9014840000	A.134
HTF ZRV	9014840000	A.134

I

IL WMF2.5 BLZ OR	1167440000	B.86
IS 4 KG	1806660000	B.100
IS 4 KG	1806660000	B.100
IS 4 KG	1806660000	B.101
IS 4 KG	1806660000	B.101
IS 4 KG	1806660000	B.99
IS 4 KG	1806660000	B.99
ISPF QB58 SW	0546000000	A.52
ISPF QB58 SW	0546000000	A.52
ISPF QB58 SW	0546000000	A.52
ISPF QB58 SW	0546000000	A.52
ISPF QB58 SW	0546000000	A.52
ISPF QB58 SW	0546000000	A.52
ISPF QB58 SW	0546000000	A.52

J

JB 25-50	1547500000	B.104

K

KDKS 1/35 DB	9532440000	A.218
KDKS 1EN/LLC 100-250V AC/DC	9915820001	A.218
KDKS 1EN/LLC 10-36V AC/DC	9802720001	A.218
KDKS 1EN/LLC 30-70V AC/DC	9908510001	A.218
KDKS 1EN/LLC 60-150V AC/DC	9802760001	A.218
KDKS 1PE/LLC 100-250V AC/DC	1518370000	A.219
KDKS 1PE/LLC 10-36V AC/DC	1518300000	A.219
KDKS 1PE/LLC 30-70V AC/DC	1518330000	A.219
KDKS 1PE/LLC 60-150V AC/DC	1518340000	A.219
KISC M3X20 SAK10 CU5	0377100000	A.210
KISC M3X5	1052100000	A.206
KISC M3X5	1052100000	A.207
KISC M3X5	1052100000	A.208
KISC M3X5	1052100000	A.209
KISC M3X5	1052100000	A.211
KLBUE 10-20	1600490000	B.90
KLBUE 10-20 CPF	1752701001	B.97
KLBUE 10-20 CPF16	1252550000	B.97
KLBUE 10-20 FM4	1252510000	B.96
KLBUE 10-20 RC TS27	1403050000	B.99
KLBUE 10-20 RC TS35	1403080000	B.101
KLBUE 10-20 SC	1712321001	B.95
KLBUE 15-32	1716300000	B.90
KLBUE 15-32 CPF	1752711001	B.97
KLBUE 15-32 CPF16	1252540000	B.97
KLBUE 15-32 FM4	1252490000	B.96
KLBUE 15-32 SC	1718341001	B.95
KLBUE 2X2-6	1675350000	B.90
KLBUE 3-8	1600480000	B.90
KLBUE 3-8 CPF	1752681001	B.97
KLBUE 3-8 FM4	1252530000	B.96
KLBUE 3-8 RC TS27	1403070000	B.100
KLBUE 3-8 RC TS35	1402830000	B.100
KLBUE 3-8 SC	1692261001	B.95
KLBUE 3-8 SDSC	1835840000	B.95
KLBUE 4-13.5	1592810000	B.90
KLBUE 4-13.5 CPF	1752691001	B.97
KLBUE 4-13.5 CPF16	1167850000	B.97
KLBUE 4-13.5 FM4	1252520000	B.96
KLBUE 4-13.5 RC TS27	1403060000	B.99
KLBUE 4-13.5 RC TS35	1403090000	B.101
KLBUE 4-13.5 SC	1712311001	B.95
KLBUE 4-6 Z/1	2269800000	B.98
KLBUE CO 1	1753311001	B.91
KLBUE CO 2	1752131001	B.91
KLBUE CO 3	1749151001	B.91
KLBUE CO 4	1749161001	B.91
KLBUE CO 5	1755081001	B.91
KLBUE SH1	0635960000	C.13
KOSF ZT2.5	1816150000	A.124
KOSF ZT2.5	1816150000	A.124
KOSF ZT2.5	1816150000	A.125
KOSF ZT2.5	1816150000	A.125
KOSF ZT2.5	1816150000	A.127
KOSF ZT2.5	1816150000	A.127
KOSF ZT2.5	1816150000	A.128
KOSF ZT2.5	1816150000	A.128
KOSF ZT2.5	1816150000	A.130
KOSF ZT2.5	1816150000	A.130
KOSF ZT2.5	1816150000	A.131
KOSF ZT2.5	1816150000	A.131
KOSF ZT2.5	1816150000	A.132
KOSF ZT2.5	1816150000	A.140
KOSF ZT2.5	1816150000	A.234
KOSF ZT2.5	1816150000	A.234
KOSF ZT2.5	1816150000	A.235
KOSF ZT2.5	1816150000	A.235
KOSF ZT2.5	1816150000	A.235
KOSF ZT4	1856860000	A.126
KOSF ZT4	1856860000	A.126
KOSF ZT4	1856860000	A.129
KOSF ZT4	1856860000	A.129
KOSF ZT4	1856860000	A.141
KOSF ZT4	1856860000	A.236
KS 10 O.D10	0141620000	A.250
KS 2 O.D2	0134420000	A.250
KS 4 O.D4	0140320000	A.250
KS 6 O.D6	0140620000	A.250
KSBR/2 ZTL6	1771820000	B.50
KSBR/2 ZTL6	1771820000	B.51
KSBR/2 ZTL6	1771820000	B.51
KSBR/3 ZTL6	1771830000	B.51
KSBR/3 ZTL6	1771830000	B.51
KSBR/4 ZTL6	1771840000	B.51
KSBR/4 ZTL6	1771840000	B.51

L

LIR 1,5M4 V	9200090000	B.60
LIR 1,5M4 V	9200090000	B.60
LIR 2,5M4 V	9200170000	B.60
LIR 2,5M4 V	9200170000	B.60
LIR 6M4 V	9200230000	B.60
LIR 6M4 V	9200230000	B.60
LS 2.8 WDU2.5-10	1056400000	A.243

M

MAK 2.5 DB	7917030000	A.191
MB M3/M5 CRM	0503500000	C.23
MB M5/M3 SW	0553400000	C.23
MB M6/M4 GR	0334900000	C.23
MEW 1/32	0445600000	C.21
MEW 35/1	1805610000	C.21
MK 2/12	0241260000	A.248
MK 3/10	0274620000	A.248
MK 3/12	0243520000	A.248
MK 3/12/E	7906210000	A.252
MK 3/2	0273820000	A.248
MK 3/2/E	7906110000	A.252
MK 3/3	0273920000	A.248
MK 3/3/E	7906120000	A.252
MK 3/4	0274020000	A.248
MK 3/4/E	7906130000	A.252
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MK 3/6	0274220000	A.248
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P 14/4 D01 BR SAKS4	0138100000	A.214
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SDIS 0.4X2.0X60	9205690000	B.31
SDIS 0.4X2.5X75	9008370000	B.116
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SDIS SL 0.6X3.5X100	1274660000	A.149

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SDIS SL 1.0X5.5X125	1274680000	A.97
SDIS SL 1.0X5.5X125	1274680000	A.97
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SDIS SL 1.0X5.5X125	1274680000	B.124
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SDK PH1	9008480000	B.84
SDK PZ1	9008530000	B.84
SDK PZ2	9008540000	B.12
SDK PZ2	9008540000	B.16
SDK PZ2	9008540000	B.16
SDK PZ2	9008540000	B.17
SDK PZ2	9008540000	B.17
SDK PZ2	9008540000	B.18
SDK PZ2	9008540000	B.18
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SDK PZ2	9008540000	B.20
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SDK PZ2	9008540000	B.22
SDK PZ2	9008540000	B.22
SDK PZ2	9008540000	B.23
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SDS 0.8X4.0X100	9008340000	A.207
SDS 0.8X4.0X100	9008340000	A.210
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WAD 20 GE WSD	9512260000	B.6
WAD 20 GE WSD	9512260000	B.7
WAD 20 GE WSD	9512260000	B.7
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WAD 27 NEUTRAL	1062960000	B.7
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WAD 4 GE BED	1072000000	A.167
WAD 4 GE BED	1072000000	A.168
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WAD 4 WS	1072100000	A.187
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WS 10/3.5 PLUS MC NE WS	2003760000	B.64
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WS 10/5 M MC NE WS	1792000000	A.102
WS 10/5 M MC NE WS	1792000000	A.102
WS 10/5 M MC NE WS	1792000000	A.103
WS 10/5 M MC NE WS	1792000000	A.12
WS 10/5 M MC NE WS	1792000000	A.12
WS 10/5 M MC NE WS	1792000000	A.121
WS 10/5 M MC NE WS	1792000000	A.13
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WS 10/5 M MC NE WS	1792000000	A.72
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WS 10/5 M MC NE WS	1792000000	A.73
WS 10/5 M MC NE WS	1792000000	A.8
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WS 10/5 MC M SDR	1792010000	A.125
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WS 10/5 MC NE WS	1635000000	A.117
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WS 10/5 MC NE WS	1635000000	A.137
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WS 10/5 MC NE WS	1635000000	A.147
WS 10/5 MC NE WS	1635000000	A.147
WS 10/5 MC NE WS	1635000000	A.149
WS 10/5 MC NE WS	1635000000	A.149
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WS 12/5 MC NE WS	1609860000	A.81
WS 12/5 MC NE WS	1609860000	A.81
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WS 14/5 MC NE WS	1768090000	A.148
WS 14/5 MC NE WS	1768090000	A.68
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WS 15/5 MC NE WS	1609880000	A.267
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ZQV 2.5/3	1608870000	B.120
ZQV 2.5/3	1608870000	B.121
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ZQV 2.5/4	1608880000	B.120
ZQV 2.5/4	1608880000	B.121
ZQV 2.5/4	1608880000	B.124
ZQV 2.5/4	1608880000	B.66
ZQV 2.5/4	1608880000	B.67
ZQV 2.5/5	1608890000	A.154
ZQV 2.5/5	1608890000	A.50
ZQV 2.5/50	1697540000	B.66
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ZQV 2.5/6	1608900000	A.154
ZQV 2.5/6	1608900000	A.50
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0335700000	BS 25 IH/GE SAKT1	A.52
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0340580000	AP AKZ1.5 BL	A.164
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0388600000	STB 35 IH/GR	A.54
0388700000	STB 35 IH/BL	A.54
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0388900000	STB 35 IH/GE	A.52
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0430500000	G 20/0.25A/F	A.114
0430500000	G 20/0.25A/F	A.116
0430500000	G 20/0.25A/F	A.117
0430500000	G 20/0.25A/F	A.117
0430500000	G 20/0.25A/F	A.204
0430500000	G 20/0.25A/F	A.206
0430500000	G 20/0.25A/F	A.207
0430500000	G 20/0.25A/F	A.210
0430500000	G 20/0.25A/F	A.216
0430500000	G 20/0.25A/F	A.216
0430500000	G 20/0.25A/F	A.218
0430500000	G 20/0.25A/F	A.220
0430500000	G 20/0.25A/F	A.44
0430500000	G 20/0.25A/F	A.45
0430600000	G 20/0.50A/F	A.108
0430600000	G 20/0.50A/F	A.109
0430600000	G 20/0.50A/F	A.112
0430600000	G 20/0.50A/F	A.114
0430600000	G 20/0.50A/F	A.116
0430600000	G 20/0.50A/F	A.117
0430600000	G 20/0.50A/F	A.117
0430600000	G 20/0.50A/F	A.204
0430600000	G 20/0.50A/F	A.206
0430600000	G 20/0.50A/F	A.207
0430600000	G 20/0.50A/F	A.210
0430600000	G 20/0.50A/F	A.216
0430600000	G 20/0.50A/F	A.216
0430600000	G 20/0.50A/F	A.218
0430600000	G 20/0.50A/F	A.220
0430600000	G 20/0.50A/F	A.44
0430600000	G 20/0.50A/F	A.45
0430700000	G 20/1.00A/F	A.108
0430700000	G 20/1.00A/F	A.109
0430700000	G 20/1.00A/F	A.112
0430700000	G 20/1.00A/F	A.114
0430700000	G 20/1.00A/F	A.116
0430700000	G 20/1.00A/F	A.117
0430700000	G 20/1.00A/F	A.117
0430700000	G 20/1.00A/F	A.204
0430700000	G 20/1.00A/F	A.206
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0430700000	G 20/1.00A/F	A.45
0430800000	G 20/1.60A/F	A.220
0430800000	G 20/1.60A/F	A.45
0430900000	G 20/2.00A/F	A.108
0430900000	G 20/2.00A/F	A.109
0430900000	G 20/2.00A/F	A.112
0430900000	G 20/2.00A/F	A.114
0430900000	G 20/2.00A/F	A.116
0430900000	G 20/2.00A/F	A.117
0430900000	G 20/2.00A/F	A.117
0430900000	G 20/2.00A/F	A.204
0430900000	G 20/2.00A/F	A.206
0430900000	G 20/2.00A/F	A.207
0430900000	G 20/2.00A/F	A.210
0430900000	G 20/2.00A/F	A.216
0430900000	G 20/2.00A/F	A.216
0430900000	G 20/2.00A/F	A.218
0430900000	G 20/2.00A/F	A.220
0430900000	G 20/2.00A/F	A.44
0430900000	G 20/2.00A/F	A.45
0431000000	G 20/2.50A/F	A.220
0431000000	G 20/2.50A/F	A.45
0431100000	G 20/3.15A/F	A.220
0431100000	G 20/3.15A/F	A.45
0431200000	G 20/4.00A/F	A.220
0431200000	G 20/4.00A/F	A.45
0431300000	G 20/5.00A/F	A.220
0431300000	G 20/5.00A/F	A.45
0431400000	G 20/6.30A/F	A.220
0431400000	G 20/6.30A/F	A.45
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0439000000	G 20/0.63A/F	A.220
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0445600000	MEW 1/32	C.21
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0470700000	QL 2 SAK16	A.208
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0471000000	QL 10 SAK16	A.208
0471000000	QL 10 SAK16	A.209
0471000000	QL 10 SAK16	A.211
0475380000	ZB 4K BL	B.128
0475380000	ZB 4K BL	B.128
0475380000	ZB 4K BL	B.129
0475380000	ZB 4K BL	B.129
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0485560000	HP 1 ADP1	C.24
0485660000	HP 2 ADP2	C.24
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0494920000	SH 2	C.13
0495660000	MOFU 35	C.23
0498000000	TS 35X15/2.3 2M/ST/ZN	C.19
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0502680000	ZB 35K BL M6X16	B.128
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0502680000	ZB 35K BL M6X16	B.130
0502680000	ZB 35K BL M6X16	B.130
0502880000	ZB 16K BL	B.114
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0514400000	TS 32X15/LL 2M/ST/ZN	C.18
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.100
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.101
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0514510000	TS 35X7.5/LL 1M/ST/ZN	C.19
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0515300000	STR 7 F.SCHT 7	A.129
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0531760000	SSP 3 SAKT1	A.52
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0545300000	QB 58/8/9/WI	A.52
0545300000	QB 58/8/9/WI	A.52
0545300000	QB 58/8/9/WI	A.52
0545300000	QB 58/8/9/WI	A.52
0545300000	QB 58/8/9/WI	A.52
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0546000000	ISPF QB58 SW	A.52
0546000000	ISPF QB58 SW	A.52
0546000000	ISPF QB58 SW	A.52
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1014200000	WSI 6/2/LD 30-70V DC/AC	A.209
1014300000	WSI 6/2/LD 60-150VDC/AC	A.209
1014400000	WSI 6/2/LD 250AC	A.209
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1021800000	WDU 2.5 F 2X2.8	A.237
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1030600000	WDL 2.5/S/NT/L/PE	B.138
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1031100000	WDL 2.5/S/L/L/PE	B.139
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1033700000	WDU 2.5/TC TYP B	B.61
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1052360000	WQV 6/2	A.172
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1053360000	WQV 16/10	A.257
1053660000	WQV 2.5/2	A.256
1053760000	WQV 2.5/3	A.256
1053860000	WQV 2.5/4	A.256
1053960000	WQV 2.5/5	A.256
1054060000	WQV 2.5/6	A.256
1054160000	WQV 2.5/7	A.256
1054260000	WQV 2.5/8	A.256
1054360000	WQV 2.5/9	A.256
1054460000	WQV 2.5/10	A.256
1054560000	WQV 4/3	A.256
1054560000	WQV 4/3	B.56
1054660000	WQV 4/4	A.256
1054660000	WQV 4/4	B.56
1054760000	WQV 6/3	A.256
1054760000	WQV 6/3	A.55
1054760000	WQV 6/3	B.48
1054760000	WQV 6/3	B.48
1054760000	WQV 6/3	B.57
1054760000	WQV 6/3	B.57
1054760000	WQV 6/3	B.57
1054760000	WQV 6/3	B.58
1054760000	WQV 6/3	B.59
1054860000	WQV 6/4	A.256
1054860000	WQV 6/4	A.55
1054860000	WQV 6/4	B.48
1054860000	WQV 6/4	B.48
1054860000	WQV 6/4	B.57
1054860000	WQV 6/4	B.57
1054860000	WQV 6/4	B.57
1054860000	WQV 6/4	B.58
1054860000	WQV 6/4	B.59
1054860000	WQV 6/4	B.59
1054960000	WQV 10/3	A.257
1055060000	WQV 10/4	A.257
1055160000	WQV 16/3	A.257
1055260000	WQV 16/4	A.257
1055360000	WQV 35/3	A.257
1055460000	WQV 35/4	A.257
1055960000	WAD 12 M.BL.	A.176
1055960000	WAD 12 M.BL.	A.177
1055960000	WAD 12 M.BL.	A.178
1055960000	WAD 12 M.BL.	A.178
1055960000	WAD 12 M.BL.	A.179
1055960000	WAD 12 M.BL.	B.106
1055960000	WAD 12 M.BL.	B.107
1056260000	WAD 12 NEUTRAL	A.176
1056260000	WAD 12 NEUTRAL	A.177
1056260000	WAD 12 NEUTRAL	A.178
1056260000	WAD 12 NEUTRAL	A.178
1056260000	WAD 12 NEUTRAL	A.179
1056260000	WAD 12 NEUTRAL	B.106
1056260000	WAD 12 NEUTRAL	B.107
1056400000	LS 2.8 WDU2.5-10	A.243
1057160000	WQV 4/6	A.256
1057260000	WQV 4/7	A.256
1057860000	WQV 4/5	A.256
1058800000	WTW EN	A.177
1058800000	WTW EN	A.179
1058800000	WTW EN	A.184
1058800000	WTW EN	A.185
1058800000	WTW EN	A.185
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1058800000	WTW EN	A.186
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1058800000	WTW EN	A.187
1058800000	WTW EN	A.188
1058800000	WTW EN	A.202
1058800000	WTW EN	A.214
1058800000	WTW EN	A.214
1058800000	WTW EN	A.215
1058800000	WTW EN	A.238
1058800000	WTW EN	A.238
1058800000	WTW EN	A.239
1058800000	WTW EN	B.106
1058800000	WTW EN	B.107
1059000000	WEW 35/1	A.176
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1059000000	WEW 35/1	A.182
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1059000000	WEW 35/1	A.191
1059000000	WEW 35/1	A.197
1059000000	WEW 35/1	A.198
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1059000000	WEW 35/1	A.199
1059000000	WEW 35/1	A.200
1059000000	WEW 35/1	A.200
1059000000	WEW 35/1	A.201
1059000000	WEW 35/1	A.201
1059000000	WEW 35/1	A.231
1059000000	WEW 35/1	A.231
1059000000	WEW 35/1	A.232
1059000000	WEW 35/1	A.232
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1059000000	WEW 35/1	A.233
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1059000000	WEW 35/1	A.241
1059000000	WEW 35/1	A.272
1059000000	WEW 35/1	A.273
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1059000000	WEW 35/1	A.274
1059000000	WEW 35/1	A.275
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1059000000	WEW 35/1	B.10
1059000000	WEW 35/1	B.103
1059000000	WEW 35/1	B.106
1059000000	WEW 35/1	B.107
1059000000	WEW 35/1	B.107
1059000000	WEW 35/1	B.108
1059000000	WEW 35/1	B.108
1059000000	WEW 35/1	B.11
1059000000	WEW 35/1	B.6
1059000000	WEW 35/1	B.6
1059000000	WEW 35/1	B.7
1059000000	WEW 35/1	B.7
1059000000	WEW 35/1	B.7
1059000000	WEW 35/1	B.79
1059000000	WEW 35/1	B.8
1059000000	WEW 35/1	B.8
1059000000	WEW 35/1	B.81
1059000000	WEW 35/1	B.82
1059000000	WEW 35/1	B.83
1059000000	WEW 35/1	B.83
1059000000	WEW 35/1	B.9
1059000000	WEW 35/1	B.9
1059000000	WEW 35/1	C.14
1059000000	WEW 35/1	C.21
1059100000	WAP WDK2.5	A.184
1059100000	WAP WDK2.5	A.185
1059100000	WAP WDK2.5	A.185
1059100000	WAP WDK2.5	A.185
1059100000	WAP WDK2.5	A.187
1059100000	WAP WDK2.5	A.202
1059100000	WAP WDK2.5	A.238
1059100000	WAP WDK2.5	A.238
1059100000	WAP WDK2.5	A.239
1059100000	WAP WDK2.5	A.244
1059100000	WAP WDK2.5	A.244
1059100000	WAP WDK2.5	A.245
1059100000	WAP WDK2.5	A.245
1059100000	WAP WDK2.5	A.246
1059100000	WAP WDK2.5	A.246
1059100000	WAP WDK2.5	A.247
1059100000	WAP WDK2.5	A.247
1059100000	WAP WDK2.5	A.247
1059180000	WAP WDK2.5 BL	A.184
1059180000	WAP WDK2.5 BL	A.185
1059180000	WAP WDK2.5 BL	A.185
1059180000	WAP WDK2.5 BL	A.185
1059180000	WAP WDK2.5 BL	A.187
1059180000	WAP WDK2.5 BL	A.238
1059180000	WAP WDK2.5 BL	A.238
1059180000	WAP WDK2.5 BL	A.239
1059660000	WQV 2.5/15	A.256

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1060000000	WAP WDU2.5N/4N	A.167
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1060000000	WAP WDU2.5N/4N	A.196
1060080000	WAP WDU2.5N/4N BL	A.167
1060080000	WAP WDU2.5N/4N BL	A.167
1060080000	WAP WDU2.5N/4N BL	A.168
1060080000	WAP WDU2.5N/4N BL	A.170
1060100000	WQB-PEN 35	A.263
1060200000	WQB-PEN 16	A.263
1060300000	WQB-PEN 10	A.263
1061200000	WEW 35/2	A.52
1061200000	WEW 35/2	A.52
1061200000	WEW 35/2	A.53
1061210000	WEW 35/2 SW	C.14
1061210000	WEW 35/2 SW	C.21
1062660000	WQV 6/5	A.256
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1062660000	WQV 6/5	A.53
1062660000	WQV 6/5	A.55
1062670000	WQV 6/6	A.256
1062680000	WQV 6/7	A.256
1062680000	WQV 6/7	A.55
1062860000	WAD 27 M. BL.	A.181
1062860000	WAD 27 M. BL.	A.182
1062860000	WAD 27 M. BL.	B.7
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1062960000	WAD 27 NEUTRAL	A.181
1062960000	WAD 27 NEUTRAL	A.182
1062960000	WAD 27 NEUTRAL	B.7
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1063300000	WQV 120/2	A.257
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1063500000	WQV 70/95/2	A.181
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1063900000	WQV 16-2.5	A.259
1064100000	WQV 35-2.5	A.259
1064460000	WAH 35	A.278
1064560000	WAH 70 BE	A.278
1064660000	WAH 120	A.278
1064760000	WAH 185/300 BE	A.278
1064900000	WQL 2 WFF35	A.277
1065000000	WQL 2 WFF70	A.277
1065100000	WQL 2 WFF120	A.277
1065200000	WQL 2 WFF185	A.277
1065300000	WQL 2 WFF300	A.277

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1065700000	WQL 3 WFF185	A.277
1065800000	WQL 3 WFF300	A.277
1066000000	WZAD 70/95	A.181
1066000000	WZAD 70/95	B.7
1066100000	WZAD120	A.182
1066100000	WZAD120	B.8
1067100000	WTW WFF35	A.272
1067100000	WTW WFF35	A.277
1067200000	WTW WFF70	A.273
1067200000	WTW WFF70	A.277
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1067400000	WTW WFF185/300	A.274
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1067400000	WTW WFF185/300	A.277
1067490000	EMC-TIE	B.98
1067600000	WEW 32/1	C.21
1067700000	WAP WDL2.5/S	B.138
1067700000	WAP WDL2.5/S	B.138
1067700000	WAP WDL2.5/S	B.139
1067700000	WAP WDL2.5/S	B.139
1067700000	WAP WDL2.5/S	B.139
1067800000	WAP WDL2.5	B.136
1067800000	WAP WDL2.5	B.136
1067800000	WAP WDL2.5	B.137
1067800000	WAP WDL2.5	B.137
1067800000	WAP WDL2.5	B.137
1067980000	WHP WDL2.5/S BL	B.136
1067980000	WHP WDL2.5/S BL	B.136
1067980000	WHP WDL2.5/S BL	B.137
1067980000	WHP WDL2.5/S BL	B.137
1067980000	WHP WDL2.5/S BL	B.137
1067980000	WHP WDL2.5/S BL	B.138
1067980000	WHP WDL2.5/S BL	B.138
1067980000	WHP WDL2.5/S BL	B.139
1067980000	WHP WDL2.5/S BL	B.139
1067980000	WHP WDL2.5/S BL	B.139
1068000000	WQV 35-10	A.259
1068160000	WBB WDU1.5/BL...	A.240
1068160000	WBB WDU1.5/BL...	A.240
1068260000	WBB ZA WDU1.5/BL 10/10	A.240
1068260000	WBB ZA WDU1.5/BL 10/10	A.240
1068300000	WAP WTL6/1	A.52
1068400000	WTW WTL6/1 DB	B.57
1068400000	WTW WTL6/1 DB	B.57
1068400000	WTW WTL6/1 DB	B.57
1068400000	WTW WTL6/1 DB	B.58
1068700000	WSH 1	B.92

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1070000000	WAP WDK2.5/BLZ/0.ZA	A.241
1070000000	WAP WDK2.5/BLZ/0.ZA	A.241
1070100000	WAP WDK2.5/BLZ/M.ZA	A.241
1070100000	WAP WDK2.5/BLZ/M.ZA	A.241
1071000000	STB 21.6/IH/DB WTL6/3	A.53
1071000000	STB 21.6/IH/DB WTL6/3	A.53
1071000000	STB 21.6/IH/DB WTL6/3	B.50
1071010000	STB 21.6/IH/GE WTL6/3	A.53
1071010000	STB 21.6/IH/GE WTL6/3	A.53
1071010000	STB 21.6/IH/GE WTL6/3	B.50
1071010000	STB 21.6/IH/GE WTL6/3	B.51
1071010000	STB 21.6/IH/GE WTL6/3	B.51
1071010000	STB 21.6/IH/GE WTL6/3	B.59
1071020000	STB 21.6/IH/GN WTL6/3	A.53
1071020000	STB 21.6/IH/GN WTL6/3	A.53
1071020000	STB 21.6/IH/GN WTL6/3	B.50
1071020000	STB 21.6/IH/GN WTL6/3	B.51
1071020000	STB 21.6/IH/GN WTL6/3	B.51
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1071030000	STB 21.6/IH/VI WTL6/3	A.53
1071030000	STB 21.6/IH/VI WTL6/3	A.53
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1071030000	STB 21.6/IH/VI WTL6/3	B.51
1071030000	STB 21.6/IH/VI WTL6/3	B.51
1071030000	STB 21.6/IH/VI WTL6/3	B.59
1071040000	STB 21.6/IH/SW WTL6/3	A.53
1071040000	STB 21.6/IH/SW WTL6/3	A.53
1071040000	STB 21.6/IH/SW WTL6/3	B.50
1071080000	STB 21.6/IH/BL WTL6/3	A.53
1071080000	STB 21.6/IH/BL WTL6/3	A.53
1071080000	STB 21.6/IH/BL WTL6/3	B.50
1071080000	STB 21.6/IH/BL WTL6/3	B.51
1071080000	STB 21.6/IH/BL WTL6/3	B.51
1071080000	STB 21.6/IH/BL WTL6/3	B.59
1071100000	ZR WP04 DB	A.242
1071200000	SSCH 7.3X1.2X1000	A.242
1071360000	WQV 16N-PEN BL	A.263
1071500000	Q 2 WDL2.5S	A.258
1071600000	Q 3 WDL2.5S	A.258
1071700000	Q 4 WDL2.5S	A.258
1071800000	Q 10 WDL2.5S	A.258
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1072000000	WAD 4 GE BED	A.165
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1072100000	WAD 4 WS	A.165
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1072100000	WAD 4 WS	A.168
1072100000	WAD 4 WS	A.170
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1072100000	WAD 4 WS	A.185
1072100000	WAD 4 WS	A.185
1072100000	WAD 4 WS	A.187
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1072100000	WAD 4 WS	A.238
1072100000	WAD 4 WS	A.238
1072100000	WAD 4 WS	A.239
1072300000	WQV 70/95-PEN	A.200
1072300000	WQV 70/95-PEN	A.263
1072300000	WQV 70/95-PEN	B.10
1072400000	WQV 120-PEN	A.263
1072500000	WQV 16N-4/6	A.259
1072660000	WBB WDK2.5/BL5.08	A.241
1072660000	WBB WDK2.5/BL5.08	A.241
1072760000	WBB ZA WDK2.5/BL5.08	A.241
1072760000	WBB ZA WDK2.5/BL5.08	A.241
1073100000	WQV 16N-2.5	A.259
1073200000	WAD 12N GE BED	A.177
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1073290000	WAD 12N WS	A.177
1073290000	WAD 12N WS	B.106
1074200000	Q 20 WDL2.5S	A.258
1074600000	WAP WTR2.5/ZZ	A.225
1079200000	WQV 35N/2	A.179
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1079300000	WQV 35N/3	A.256
1079400000	WQV 35N/4	A.179
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1079400000	WQV 35N/4	B.107
1079500000	WQB PEN 35N	A.263
1079600000	WQB PEN 16N	A.263
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1079900000	WSH 4 MT	B.94

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1080200000	WSH 6	B.92
1082400000	BFEH 1/WSH	B.93
1083040000	PDU 6/10/4AN	A.32
1083050000	PSI 6/10	A.44
1083100000	WSH 18 MT	B.93
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1083600000	WAD 16N GE BED	A.179
1083600000	WAD 16N GE BED	B.107
1083900000	SMSE WSH U1 MT	B.93
1084000000	WAP WDK2.5/4 N	A.186
1084000000	WAP WDK2.5/4 N	A.186
1084000000	WAP WDK2.5/4 N	A.187
1084000000	WAP WDK2.5/4 N	A.187
1084000000	WAP WDK2.5/4 N	A.188
1084000000	WAP WDK2.5/4 N	A.202
1084000000	WAP WDK2.5/4 N	A.203
1084080000	WAP WDK2.5/4 N BL	A.186
1084080000	WAP WDK2.5/4 N BL	A.186
1084080000	WAP WDK2.5/4 N BL	A.187
1084080000	WAP WDK2.5/4 N BL	A.187
1084080000	WAP WDK2.5/4 N BL	A.188
1084080000	WAP WDK2.5/4 N BL	A.202
1084770000	ZDT 2.5/2 V	A.130
1084780000	PTL 6/10/STB	B.48
1084790000	PTD 6/10/STB	B.48

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1107780000	WAP WT4/4AN/2	A.236
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1107800000	WP4/1AN/10	A.236
1108490000	WP4/1AN/1 ZA	A.236

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1112940000	WAD 8 MC NE WS	A.172
1112940000	WAD 8 MC NE WS	A.172
1112940000	WAD 8 MC NE WS	A.174
1112940000	WAD 8 MC NE WS	A.174
1112940000	WAD 8 MC NE WS	A.188
1112940000	WAD 8 MC NE WS	A.189
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1112940000	WAD 8 MC NE WS	A.190
1112940000	WAD 8 MC NE WS	A.190
1112940000	WAD 8 MC NE WS	A.191
1112940000	WAD 8 MC NE WS	A.203
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1112940000	WAD 8 MC NE WS	B.24
1112950000	WAD 8 MC NE GE	A.172
1112950000	WAD 8 MC NE GE	A.172
1112950000	WAD 8 MC NE GE	A.174
1112950000	WAD 8 MC NE GE	A.174
1112950000	WAD 8 MC NE GE	A.188
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1112950000	WAD 8 MC NE GE	A.190
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1116710000	PS_ZQV_SET	A.158
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1139570000	PPE 16S	B.113
1139580000	PDU 16S	B.112
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1142980000	WBB WMF2.5 BLZ	B.86
1142990000	AP WMF2.5	B.78
1142990000	AP WMF2.5	B.78
1142990000	AP WMF2.5	B.79
1142990000	AP WMF2.5	B.80
1142990000	AP WMF2.5	B.80
1142990000	AP WMF2.5	B.81
1142990000	AP WMF2.5	B.81
1142990000	AP WMF2.5	B.82
1142990000	AP WMF2.5	B.83
1142990000	AP WMF2.5	B.83
1142990000	AP WMF2.5	B.86
1143000000	WMF 2.5 DI BLZ	B.81
1143010000	WMF 2.5 DI BLZ PE	B.82
1143020000	WMF 2.5 DI	B.78
1143030000	WMF 2.5 DI PE	B.79
1143050000	WMF 2.5 BLZ	B.81
1143070000	WMF 2.5	B.78

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1162600000	WEW 35/1 SW	B.76
1162600000	WEW 35/1 SW	B.76
1162600000	WEW 35/1 SW	C.14
1162600000	WEW 35/1 SW	C.21
1162610000	ZEW 35/2 SW	B.122
1162610000	ZEW 35/2 SW	B.122
1162610000	ZEW 35/2 SW	B.123
1162610000	ZEW 35/2 SW	B.123
1162610000	ZEW 35/2 SW	B.74
1162610000	ZEW 35/2 SW	B.74
1162610000	ZEW 35/2 SW	B.75

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1162610000	ZEW 35/2 SW	B.75
1162610000	ZEW 35/2 SW	B.77
1162610000	ZEW 35/2 SW	B.77
1162610000	ZEW 35/2 SW	C.21
1162820000	WMF 2.5 FU BLZ PE SW	B.83
1162830000	WMF 2.5 FU BLZ PE 10-36V SW	B.83
1162840000	WMF 2.5 FU BLZ PE 30-70V SW	B.83
1162850000	WMF 2.5 FU BLZ PE 60-150V SW	B.83
1162860000	WMF 2.5 FU BLZ PE 100-250V SW	B.83
1162920000	WMF 2.5 FU SW	B.80
1162930000	WMF 2.5 FU 10-36V SW	B.80
1162940000	WMF 2.5 FU 30-70V SW	B.80
1162950000	WMF 2.5 FU 60-150V SW	B.80
1162960000	WMF 2.5 FU 100-250V SW	B.80
1162980000	WMF 2.5 FU BLZ SW	B.83
1162990000	WMF 2.5 FU BLZ 10-36V SW	B.83
1163000000	WMF 2.5 FU BLZ 30-70V SW	B.83
1163010000	WMF 2.5 FU BLZ 60-150V SW	B.83
1163020000	WMF 2.5 FU BLZ 100-250V SW	B.83
1163040000	WMF 2.5 FU PE SW	B.80
1163050000	WMF 2.5 FU PE 10-36V SW	B.80
1163060000	WMF 2.5 FU PE 30-70V SW	B.80
1163070000	WMF 2.5 FU PE 60-150V SW	B.80
1163080000	WMF 2.5 FU PE 100-250V SW	B.80
1165130000	PDU 6/10/4AN BL	A.32
1165140000	PSI 6/10 SW	A.44
1165320000	PAP PTL/PSI 6/10	A.44
1165320000	PAP PTL/PSI 6/10	B.48
1165320000	PAP PTL/PSI 6/10	B.48
1165330000	PAP PTL/PSI 6/10 SW	A.44
1165330000	PAP PTL/PSI 6/10 SW	B.48
1165330000	PAP PTL/PSI 6/10 SW	B.48
1167440000	IL WMF2.5 BLZ OR	B.86
1167630000	FUCR SW	B.78
1167630000	FUCR SW	B.79
1167630000	FUCR SW	B.80
1167630000	FUCR SW	B.80
1167630000	FUCR SW	B.81
1167630000	FUCR SW	B.82
1167630000	FUCR SW	B.83
1167630000	FUCR SW	B.83
1167630000	FUCR SW	B.86
1167640000	FUCR 10-36V SW	B.78
1167640000	FUCR 10-36V SW	B.79
1167640000	FUCR 10-36V SW	B.80
1167640000	FUCR 10-36V SW	B.80
1167640000	FUCR 10-36V SW	B.81
1167640000	FUCR 10-36V SW	B.82
1167640000	FUCR 10-36V SW	B.83
1167640000	FUCR 10-36V SW	B.83
1167640000	FUCR 10-36V SW	B.86
1167650000	FUCR 30-70V SW	B.86
1167670000	FUCR 60-150V SW	B.86
1167680000	FUCR 100-250V SW	B.78
1167680000	FUCR 100-250V SW	B.79
1167680000	FUCR 100-250V SW	B.80
1167680000	FUCR 100-250V SW	B.80
1167680000	FUCR 100-250V SW	B.81
1167680000	FUCR 100-250V SW	B.82
1167680000	FUCR 100-250V SW	B.83
1167680000	FUCR 100-250V SW	B.83
1167680000	FUCR 100-250V SW	B.86
1167850000	KLBUE 4-13.5 CPF16	B.97
1167890000	VREL 2 ZRV2.5/4	A.135
1167900000	VREL 4 ZRV2.5/4	A.135
1167910000	VREL 8 ZRV2.5/4	A.135

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1173540000	BZT PRV16 SW 35X15	B.76
1173540000	BZT PRV16 SW 35X15	B.76
1173550000	BZT PRV16 SW 35X7.5	B.76
1173550000	BZT PRV16 SW 35X7.5	B.76
1173570000	BZT PRV8 SW 35X15	B.75
1173570000	BZT PRV8 SW 35X15	B.75
1173570000	BZT PRV8 SW 35X15	B.77
1173580000	BZT PRV8 SW 35X7.5	B.75
1173580000	BZT PRV8 SW 35X7.5	B.75
1173580000	BZT PRV8 SW 35X7.5	B.77
1173590000	BZT PRV4 SW 35X15	B.74
1173590000	BZT PRV4 SW 35X15	B.74
1173590000	BZT PRV4 SW 35X15	B.77
1173600000	BZT PRV4 SW 35X7.5	B.74
1173600000	BZT PRV4 SW 35X7.5	B.74
1173600000	BZT PRV4 SW 35X7.5	B.77
1173620000	PRV 16 SW 35X15 RT/WS	B.76
1173630000	TW PRV16	B.76
1173630000	TW PRV16	B.76
1173650000	PRV 16 SW 35X15 WS/RT	B.76
1173670000	TW PRV8	B.75
1173670000	TW PRV8	B.75
1173670000	TW PRV8	B.77
1173680000	PRV 16 SW 35X7.5 RT/WS	B.76
1173700000	TW PRV4	B.74
1173700000	TW PRV4	B.74
1173700000	TW PRV4	B.77
1173710000	PRV 16 SW 35X7.5 WS/RT	B.76
1173720000	PAP PRV/PPV8 SW	B.75
1173720000	PAP PRV/PPV8 SW	B.75

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1173720000	PAP PRV/PPV8 SW	B.77
1173740000	PRV 8 SW 35X15 RT/WS	B.75
1173750000	PAP PRV/PPV4 SW	B.74
1173750000	PAP PRV/PPV4 SW	B.74
1173750000	PAP PRV/PPV4 SW	B.77
1173780000	PRV 8 SW 35X15 WS/RT	B.75
1173790000	PRV 8 SW 35X7.5 RT/WS	B.75
1173800000	PRV 8 SW 35X7.5 WS/RT	B.75
1173810000	PRV 4 SW 35X15 RT	B.74
1173820000	PRV 4 SW 35X15 WS	B.74
1173830000	PRV 4 SW 35X7.5 RT	B.74
1173840000	PRV 4 SW 35X7.5 WS	B.74
1173850000	PPV 8 GR 35X15 DGR	B.77
1173870000	PPV 8 GR 35X7.5 DGR	B.77
1173880000	PPV 4 GR 35X15 DGR	B.77
1173890000	PPV 4 GR 35X7.5 DGR	B.77
1173900000	PRV 8 BL 35X15 WS/RT	B.75
1173910000	PRV 8 BL 35X7.5 WS/RT	B.75
1173920000	PRV 4 BL 35X15 WS	B.74
1173930000	PRV 4 BL 35X7.5 WS	B.74

1180000000

1186630000	WDU 50N IR	A.180
1186630000	WDU 50N IR	B.6
1186720000	WAP WDK10	A.188
1186720000	WAP WDK10	A.189
1186720000	WAP WDK10	A.189
1186720000	WAP WDK10	A.189
1186720000	WAP WDK10	A.190
1186720000	WAP WDK10	A.190
1186720000	WAP WDK10	A.191
1186720000	WAP WDK10	A.203
1186720000	WAP WDK10	B.24
1186720000	WAP WDK10	B.24
1186730000	WAP WDK10 BL	A.188
1186730000	WAP WDK10 BL	A.189
1186730000	WAP WDK10 BL	A.189
1186730000	WAP WDK10 BL	A.189
1186730000	WAP WDK10 BL	A.190
1186730000	WAP WDK10 BL	A.190
1186730000	WAP WDK10 BL	A.191
1186730000	WAP WDK10 BL	A.203
1186730000	WAP WDK10 BL	B.24
1186730000	WAP WDK10 BL	B.24
1186740000	WDK 10	A.188
1186750000	WDK 10 BL	A.188
1186770000	WDK 10 V	A.189
1186780000	WDK 10 V BL	A.189

1190000000

1193450000	WTR 4/ZZ BL	A.226

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1208920000	ZVLD 2.5	A.80
1208970000	WS 7.8/9.2 PLUS MC NE GR	A.11
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.32
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.32
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.34
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.34
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.74
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.74
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.75
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.75
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.76
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.76
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.77
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.77

1210000000

1210390000	ZTA ZVLD	A.157
1210410000	ZAP ZVLD 2.5	A.80
1211450000	PAP PRV/PPV4 GR	B.74
1211450000	PAP PRV/PPV4 GR	B.74
1211450000	PAP PRV/PPV4 GR	B.77
1211460000	PAP PRV/PPV8 GR	B.75
1211460000	PAP PRV/PPV8 GR	B.75
1211460000	PAP PRV/PPV8 GR	B.77
1216230000	HBT 6,0 - 4,6 GE	A.173
1216230000	HBT 6,0 - 4,6 GE	A.173
1216230000	HBT 6,0 - 4,6 GE	A.175
1216230000	HBT 6,0 - 4,6 GE	A.175

1220000000

1221340000	PMAK 4	A.36
1221350000	PMAK 4 800V	A.36
1221360000	PAP PMAK 4	A.36
1224870000	FUSE 1KV DC 2A 10/38	A.213
1224870000	FUSE 1KV DC 2A 10/38	A.221
1224880000	FUSE 1KV DC 4A 10/38	A.213
1224880000	FUSE 1KV DC 4A 10/38	A.221
1224890000	FUSE 1KV DC 6A 10/38	A.213
1224890000	FUSE 1KV DC 6A 10/38	A.221
1224900000	FUSE 1KV DC 8A 10/38	A.213
1224900000	FUSE 1KV DC 8A 10/38	A.221

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1224910000	FUSE 1KV DC 10A 10/38	A.213
1224910000	FUSE 1KV DC 10A 10/38	A.221
1224920000	FUSE 1KV DC 12A 10/38	A.213
1224920000	FUSE 1KV DC 12A 10/38	A.221
1224930000	FUSE 1KV DC 16A 10/38	A.213
1224930000	FUSE 1KV DC 16A 10/38	A.221
1224950000	FUSE 1KV DC 20A 10/38	A.213
1224950000	FUSE 1KV DC 20A 10/38	A.221
1227850000	ZEW 35/2 GR	C.21
1227890000	WEW 35/1 GR	C.14
1227890000	WEW 35/1 GR	C.21

1230000000

1230050000	TW PRV4 1-4	B.74
1230050000	TW PRV4 1-4	B.74
1230050000	TW PRV4 1-4	B.77
1230060000	TW PRV4 0-3	B.74
1230060000	TW PRV4 0-3	B.74
1230060000	TW PRV4 0-3	B.77
1230070000	TW PRV4 A-D	B.74
1230070000	TW PRV4 A-D	B.74
1230070000	TW PRV4 A-D	B.77
1230080000	TW PRV8 1-8	B.75
1230080000	TW PRV8 1-8	B.75
1230080000	TW PRV8 1-8	B.77
1230090000	TW PRV8 0-7	B.75
1230090000	TW PRV8 0-7	B.75
1230090000	TW PRV8 0-7	B.77
1230110000	TW PRV8 A-H	B.75
1230110000	TW PRV8 A-H	B.75
1230110000	TW PRV8 A-H	B.77
1230120000	TW PRV16 1-16	B.76
1230120000	TW PRV16 1-16	B.76
1230130000	TW PRV16 0-15	B.76
1230130000	TW PRV16 0-15	B.76
1230140000	TW PRV16 A-P	B.76
1230140000	TW PRV16 A-P	B.76
1231330000	WTR 4/ZZ STB BL	A.226
1231870000	PSI 6/10/LD 10-36V SW	A.44
1231880000	PSI 6/10/LD 10-36V	A.44
1233330000	HBT 2,5 - 4,6 BL	A.173
1233330000	HBT 2,5 - 4,6 BL	A.173
1233330000	HBT 2,5 - 4,6 BL	A.175
1233330000	HBT 2,5 - 4,6 BL	A.175
1233340000	HBT 1,5 - 4,6 RT	A.173
1233340000	HBT 1,5 - 4,6 RT	A.173
1233340000	HBT 1,5 - 4,6 RT	A.175
1233340000	HBT 1,5 - 4,6 RT	A.175
1238040000	ZEW 35 GR	C.21

1240000000

1246990000	SMSE WSH 135/60 MT	B.93
1247290000	WDK 2.5/TR-DU	A.232
1247310000	WDK 2.5/TR-DU STB	A.232
1247420000	WDK 2.5/TR-DU-PE	A.233
1247430000	WDK 2.5/TR-DU-PE STB	A.233

1250000000

1252490000	KLBUE 15-32 FM4	B.96
1252510000	KLBUE 10-20 FM4	B.96
1252520000	KLBUE 4-13.5 FM4	B.96
1252530000	KLBUE 3-8 FM4	B.96
1252540000	KLBUE 15-32 CPF16	B.97
1252550000	KLBUE 10-20 CPF16	B.97
1255010000	GWHUE M3 WTL6	B.48
1255010000	GWHUE M3 WTL6	B.48
1259120000	ZDT 2.5/8AN/4	A.131

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1267790000	PRV 16 BL 35X15 RT/WS	B.76
1267800000	PRV 16 BL 35X15 WS/RT	B.76
1267810000	PRV 16 BL 35X7.5 RT/WS	B.76
1267820000	PRV 16 BL 35X7.5 WS/RT	B.76
1267830000	PRV 8 BL 35X15 RT/WS	B.75
1267840000	PRV 8 BL 35X7.5 RT/WS	B.75
1267870000	PPV 8 BL 35X15 DGR	B.77
1267880000	PPV 8 BL 35X7.5 DGR	B.77
1267890000	PRV 4 BL 35X15 RT	B.74
1267900000	PRV 4 BL 35X7.5 RT	B.74
1267910000	PPV 4 BL 35X15 DGR	B.77
1267920000	PPV 4 BL 35X7.5 DGR	B.77
1267930000	BZT PRV16 BL 35X15	B.76
1267930000	BZT PRV16 BL 35X15	B.76
1267940000	BZT PRV16 BL 35X7.5	B.76
1267940000	BZT PRV16 BL 35X7.5	B.76
1267950000	BZT PRV8 BL 35X15	B.75
1267950000	BZT PRV8 BL 35X15	B.75
1267950000	BZT PRV8 BL 35X15	B.77
1267970000	BZT PRV8 BL 35X7.5	B.75
1267970000	BZT PRV8 BL 35X7.5	B.75
1267970000	BZT PRV8 BL 35X7.5	B.77
1267980000	BZT PRV4 BL 35X15	B.74
1267980000	BZT PRV4 BL 35X15	B.74
1267980000	BZT PRV4 BL 35X15	B.77
1267990000	BZT PRV4 BL 35X7.5	B.74

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1267990000	BZT PRV4 BL 35X7.5	B.74
1267990000	BZT PRV4 BL 35X7.5	B.77
1268000000	PAP PRV/PPV8 BL	B.75
1268000000	PAP PRV/PPV8 BL	B.75
1268000000	PAP PRV/PPV8 BL	B.77
1268010000	PAP PRV/PPV4 BL	B.74
1268010000	PAP PRV/PPV4 BL	B.74
1268010000	PAP PRV/PPV4 BL	B.77
1269050000	EW 35 DB	C.21
1269060000	SCHT 14/6	A.240

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1270040000	WMF 2.5 BL	B.78
1270070000	WMF 2.5 DI BL	B.78
1270080000	WMF 2.5 DI PE BL	B.79
1271870000	ZTA ZVLD/ZA	A.157
1274660000	SDIS SL 0.6X3.5X100	A.100
1274660000	SDIS SL 0.6X3.5X100	A.100
1274660000	SDIS SL 0.6X3.5X100	A.102
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1274660000	SDIS SL 0.6X3.5X100	A.103
1274660000	SDIS SL 0.6X3.5X100	A.104
1274660000	SDIS SL 0.6X3.5X100	A.105
1274660000	SDIS SL 0.6X3.5X100	A.106
1274660000	SDIS SL 0.6X3.5X100	A.108
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1274660000	SDIS SL 0.6X3.5X100	A.110
1274660000	SDIS SL 0.6X3.5X100	A.111
1274660000	SDIS SL 0.6X3.5X100	A.112
1274660000	SDIS SL 0.6X3.5X100	A.114
1274660000	SDIS SL 0.6X3.5X100	A.120
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1274660000	SDIS SL 0.6X3.5X100	A.56
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1274660000	SDIS SL 0.6X3.5X100	A.76
1274660000	SDIS SL 0.6X3.5X100	A.76

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1274660000	SDIS SL 0.6X3.5X100	A.77
1274660000	SDIS SL 0.6X3.5X100	A.77
1274660000	SDIS SL 0.6X3.5X100	A.77
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1274660000	SDIS SL 0.6X3.5X100	A.84
1274660000	SDIS SL 0.6X3.5X100	A.85
1274660000	SDIS SL 0.6X3.5X100	A.85
1274660000	SDIS SL 0.6X3.5X100	A.86
1274660000	SDIS SL 0.6X3.5X100	A.86
1274660000	SDIS SL 0.6X3.5X100	A.87
1274660000	SDIS SL 0.6X3.5X100	A.88
1274660000	SDIS SL 0.6X3.5X100	A.88
1274660000	SDIS SL 0.6X3.5X100	A.89
1274660000	SDIS SL 0.6X3.5X100	A.90
1274660000	SDIS SL 0.6X3.5X100	A.90
1274660000	SDIS SL 0.6X3.5X100	A.91
1274660000	SDIS SL 0.6X3.5X100	A.92
1274660000	SDIS SL 0.6X3.5X100	A.93
1274660000	SDIS SL 0.6X3.5X100	A.93
1274660000	SDIS SL 0.6X3.5X100	A.93
1274660000	SDIS SL 0.6X3.5X100	A.94
1274660000	SDIS SL 0.6X3.5X100	A.94
1274660000	SDIS SL 0.6X3.5X100	A.98
1274660000	SDIS SL 0.6X3.5X100	A.98
1274660000	SDIS SL 0.6X3.5X100	A.99
1274660000	SDIS SL 0.6X3.5X100	A.99
1274660000	SDIS SL 0.6X3.5X100	A.99
1274660000	SDIS SL 0.6X3.5X100	B.124
1274660000	SDIS SL 0.6X3.5X100	B.126
1274660000	SDIS SL 0.6X3.5X100	B.126
1274660000	SDIS SL 0.6X3.5X100	B.127
1274660000	SDIS SL 0.6X3.5X100	B.130
1274660000	SDIS SL 0.6X3.5X100	B.66
1274660000	SDIS SL 0.6X3.5X100	B.66
1274660000	SDIS SL 0.6X3.5X100	B.67
1274660000	SDIS SL 0.6X3.5X100	B.67
1274660000	SDIS SL 0.6X3.5X100	B.74
1274660000	SDIS SL 0.6X3.5X100	B.74
1274660000	SDIS SL 0.6X3.5X100	B.75
1274660000	SDIS SL 0.6X3.5X100	B.75
1274660000	SDIS SL 0.6X3.5X100	B.76
1274660000	SDIS SL 0.6X3.5X100	B.76
1274660000	SDIS SL 0.6X3.5X100	B.77
1274660000	SDIS SL 0.6X3.5X100	B.77
1274670000	SDIS SL 0.8X4.0X100	A.101
1274670000	SDIS SL 0.8X4.0X100	A.116
1274670000	SDIS SL 0.8X4.0X100	A.117
1274670000	SDIS SL 0.8X4.0X100	A.118
1274670000	SDIS SL 0.8X4.0X100	A.59
1274670000	SDIS SL 0.8X4.0X100	A.71
1274670000	SDIS SL 0.8X4.0X100	A.71
1274670000	SDIS SL 0.8X4.0X100	B.125
1274670000	SDIS SL 0.8X4.0X100	B.128
1274680000	SDIS SL 1.0X5.5X125	A.101
1274680000	SDIS SL 1.0X5.5X125	A.33
1274680000	SDIS SL 1.0X5.5X125	A.33
1274680000	SDIS SL 1.0X5.5X125	A.41
1274680000	SDIS SL 1.0X5.5X125	A.63
1274680000	SDIS SL 1.0X5.5X125	A.63
1274680000	SDIS SL 1.0X5.5X125	A.64
1274680000	SDIS SL 1.0X5.5X125	A.64
1274680000	SDIS SL 1.0X5.5X125	A.65
1274680000	SDIS SL 1.0X5.5X125	A.65
1274680000	SDIS SL 1.0X5.5X125	A.65
1274680000	SDIS SL 1.0X5.5X125	A.66
1274680000	SDIS SL 1.0X5.5X125	A.71
1274680000	SDIS SL 1.0X5.5X125	A.95
1274680000	SDIS SL 1.0X5.5X125	A.95
1274680000	SDIS SL 1.0X5.5X125	A.96
1274680000	SDIS SL 1.0X5.5X125	A.96
1274680000	SDIS SL 1.0X5.5X125	A.97
1274680000	SDIS SL 1.0X5.5X125	A.97
1274680000	SDIS SL 1.0X5.5X125	A.97
1274680000	SDIS SL 1.0X5.5X125	B.112
1274680000	SDIS SL 1.0X5.5X125	B.113
1274680000	SDIS SL 1.0X5.5X125	B.115
1274680000	SDIS SL 1.0X5.5X125	B.124
1274680000	SDIS SL 1.0X5.5X125	B.125
1274680000	SDIS SL 1.0X5.5X125	B.125
1274680000	SDIS SL 1.0X5.5X125	B.127
1274680000	SDIS SL 1.0X5.5X125	B.127
1274680000	SDIS SL 1.0X5.5X125	B.128
1274680000	SDIS SL 1.0X5.5X125	B.129
1274680000	SDIS SL 1.0X5.5X125	B.129
1274680000	SDIS SL 1.0X5.5X125	B.130

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1283470000	TS END CAP 35X7.5	C.20
1283480000	TS END CAP 35X15	C.20

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1286600000	TST 2/M5	C.22
1289660001	DEK 8 FSZ 1-10	A.59

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1295550000	ZT 2.5/2AN/1 BL	A.124
1297850000	WDTR 2.5/WE O.STB	A.231
1298020000	WDTR 2.5 O.STB	A.231

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1303360000	AKE 2.5	A.193
1304720000	ZT 2.5/3AN/1 BL	A.124
1305230000	AH WDT 2.5 BT	A.234
1305240000	WAP WDT 2.5 BT	A.234
1305250000	WAP WDT 2.5 AT	A.234
1305250000	WAP WDT 2.5 AT	A.235
1305260000	WAP WDT 2.5/2	A.235
1305260000	WAP WDT 2.5/2	A.235
1305270000	WP 2.5/1AN/1	A.234
1305270000	WP 2.5/1AN/1	A.234
1305270000	WP 2.5/1AN/1	A.235
1305270000	WP 2.5/1AN/1	A.235
1305270000	WP 2.5/1AN/1	A.235
1305280000	WP 2.5/1AN/10	A.234
1305280000	WP 2.5/1AN/10	A.234
1305280000	WP 2.5/1AN/10	A.235
1305280000	WP 2.5/1AN/10	A.235
1305280000	WP 2.5/1AN/10	A.235
1305290000	WDT 2.5/2	A.235
1305300000	WDT 2.5/2 V	A.235
1305310000	WDT 2.5 BT	A.234
1305320000	WDT 2.5 AT	A.234
1305320000	WDT 2.5 AT	A.235
1305330000	WT 2.5	A.234

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1312440000	HBT 1,5 - 3,0 RT	A.171
1312440000	HBT 1,5 - 3,0 RT	A.171
1312440000	HBT 1,5 - 3,0 RT	A.217
1312440000	HBT 1,5 - 3,0 RT	A.227
1312440000	HBT 1,5 - 3,0 RT	A.228
1312440000	HBT 1,5 - 3,0 RT	A.228
1312440000	HBT 1,5 - 3,0 RT	A.229
1312450000	HBT 2,5 - 3,0 BL	A.171
1312450000	HBT 2,5 - 3,0 BL	A.171
1312450000	HBT 2,5 - 3,0 BL	A.217
1312450000	HBT 2,5 - 3,0 BL	A.227
1312450000	HBT 2,5 - 3,0 BL	A.228
1312450000	HBT 2,5 - 3,0 BL	A.228
1312450000	HBT 2,5 - 3,0 BL	A.229
1312500000	Q 2 DLI	A.258
1312500000	Q 2 DLI	B.68
1312500000	Q 2 DLI	B.68
1312500000	Q 2 DLI	B.69
1312500000	Q 2 DLI	B.69
1312500000	Q 2 DLI	B.69
1312500000	Q 2 DLI	B.70
1312500000	Q 2 DLI	B.70
1312500000	Q 2 DLI	B.71
1312500000	Q 2 DLI	B.71
1312600000	Q 3 DLI	A.258
1312700000	Q 4 DLI	A.258
1312830000	ZT 4/2AN/1 BL	A.126
1313100000	Q 10 DLI	A.258
1313600000	NSCH 2M	C.12
1319260000	QVS 2/4 SAKT4	B.56
1319900000	BFSC M3X22 SAKT4	B.56

1340000000

1345280000	WTL 6/1/TNSC/EN	B.58

1360000000

1368700000	SAKS 2/35 DB	A.214

1370000000

1378160000	ADP 4/300	C.24

1390000000

1393350000	WDU 6 IR	A.172
1393380000	WDU 10 IR	A.174
1393390000	WDU 16 IR	A.177
1393400000	WDU 35 IR	A.178
1394040000	ZDK 2.5-2/4AN	A.83
1394050000	ZAP/TW ZDK2.5-2/4AN	A.83
1399800000	Q 20 DLI	A.258

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1402830000	KLBUE 3-8 RC TS35	B.100
1403050000	KLBUE 10-20 RC TS27	B.99
1403060000	KLBUE 4-13.5 RC TS27	B.99
1403070000	KLBUE 3-8 RC TS27	B.100
1403080000	KLBUE 10-20 RC TS35	B.101
1403090000	KLBUE 4-13.5 RC TS35	B.101

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1411310000	PDL 6 S/L/L	B.122
1411320000	PDL 6 S/NT/L/PE	B.123
1411330000	PDL 6 S/L/L/PE	B.122
1411340000	PDL 6 S/N/L/PE	B.123
1412950000	WDU 2.5 HV	A.167
1412960000	WDU 4 HV	A.169
1412970000	WDU 6 HV	A.172
1415470000	WDK 10 PE	A.203
1415480000	WDK 10 DU-PE	A.190
1415510000	WDK 10 L	A.189
1415520000	WDK 10 DU-N	A.189
1415530000	WDK 10 SET LS	A.191
1415530000	WDK 10 SET LS	B.24
1415540000	WDK 10 SET BCD	A.190
1415540000	WDK 10 SET BCD	B.24

1430000000

1430760000	ADP 4/1000	C.24

1460000000

1460580000	GZ 0.5A/F	A.220
1460590000	GZ 1.0A/F	A.220
1460600000	GZ 2.0A/F	A.220
1460610000	GZ 3.0A/F	A.220
1460620000	GZ 5.0A/F	A.220
1460630000	GZ 7.0A/F	A.220
1460640000	GZ 10.0A/F	A.220
1460650000	GZ 12.5A/F	A.220

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1480270000	ZDK 2.5-2/4AN BL	A.83

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1513640000	APG 2.5/2	A.25
1513650000	APG 2.5/3	A.25
1513670000	APG 2.5/4	A.25
1513680000	APG 2.5/5	A.25
1513690000	APG 2.5/6	A.25
1513700000	APG 2.5/7	A.25
1513720000	APG 2.5/1	A.22
1513720000	APG 2.5/1	A.23
1513720000	APG 2.5/1	A.23
1513720000	APG 2.5/1	A.23
1513720000	APG 2.5/1	A.25
1513730000	APG 2.5/8	A.25
1513740000	APG 2.5/9	A.25
1513770000	APG 2.5/10	A.25
1513870000	APGTB 2.5 PE 2C/1	A.22
1513970000	APGTB 2.5 FT 2C/1	A.22
1513990000	APGTB 2.5 FT 2C/1 BL	A.22
1514400000	AEP 2C 2.5	A.15
1514400000	AEP 2C 2.5	A.22
1514400000	AEP 2C 2.5	A.22
1514400000	AEP 2C 2.5	A.7
1514420000	AEP 2C 2.5 BL	A.22
1514420000	AEP 2C 2.5 BL	A.7
1514490000	APGCE	A.25
1514500000	APGPC 2.5	A.25
1518300000	KDKS 1PE/LLC 10-36V AC/DC	A.219
1518330000	KDKS 1PE/LLC 30-70V AC/DC	A.219
1518340000	KDKS 1PE/LLC 60-150V AC/DC	A.219
1518370000	KDKS 1PE/LLC 100-250V AC/DC	A.219

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1521510000	AEP 3C 2.5	A.15
1521510000	AEP 3C 2.5	A.7
1521520000	AEP 3C 2.5 BL	A.7
1521530000	AEP 4C 2.5	A.15
1521530000	AEP 4C 2.5	A.18
1521530000	AEP 4C 2.5	A.18
1521530000	AEP 4C 2.5	A.19
1521530000	AEP 4C 2.5	A.19
1521530000	AEP 4C 2.5	A.8
1521540000	A4C 2.5 PE	A.15
1521640000	AEP 4C 2.5 BL	A.18
1521640000	AEP 4C 2.5 BL	A.18
1521640000	AEP 4C 2.5 BL	A.19
1521640000	AEP 4C 2.5 BL	A.8
1521670000	A3C 2.5 PE	A.15
1521680000	A2C 2.5 PE	A.15
1521690000	A4C 2.5	A.8
1521700000	A4C 2.5 BL	A.8
1521740000	A3C 2.5	A.7
1521780000	A3C 2.5 BL	A.7
1521850000	A2C 2.5	A.7
1521880000	A2C 2.5 BL	A.7
1527540000	ZQV 2.5N/2	A.11
1527540000	ZQV 2.5N/2	A.12
1527540000	ZQV 2.5N/2	A.12
1527540000	ZQV 2.5N/2	A.13
1527540000	ZQV 2.5N/2	A.165
1527540000	ZQV 2.5N/2	A.165
1527540000	ZQV 2.5N/2	A.166
1527540000	ZQV 2.5N/2	A.167
1527540000	ZQV 2.5N/2	A.167
1527540000	ZQV 2.5N/2	A.18
1527540000	ZQV 2.5N/2	A.18
1527540000	ZQV 2.5N/2	A.185
1527540000	ZQV 2.5N/2	A.186
1527540000	ZQV 2.5N/2	A.186
1527540000	ZQV 2.5N/2	A.187
1527540000	ZQV 2.5N/2	A.19
1527540000	ZQV 2.5N/2	A.19
1527540000	ZQV 2.5N/2	A.20
1527540000	ZQV 2.5N/2	A.20
1527540000	ZQV 2.5N/2	A.21
1527540000	ZQV 2.5N/2	A.216
1527540000	ZQV 2.5N/2	A.22
1527540000	ZQV 2.5N/2	A.224
1527540000	ZQV 2.5N/2	A.224
1527540000	ZQV 2.5N/2	A.225
1527540000	ZQV 2.5N/2	A.23
1527540000	ZQV 2.5N/2	A.23
1527540000	ZQV 2.5N/2	A.23
1527540000	ZQV 2.5N/2	A.234
1527540000	ZQV 2.5N/2	A.234
1527540000	ZQV 2.5N/2	A.235
1527540000	ZQV 2.5N/2	A.235
1527540000	ZQV 2.5N/2	A.235
1527540000	ZQV 2.5N/2	A.240
1527540000	ZQV 2.5N/2	A.26
1527540000	ZQV 2.5N/2	A.7
1527540000	ZQV 2.5N/2	A.7
1527540000	ZQV 2.5N/2	A.8
1527540000	ZQV 2.5N/2	B.105
1527570000	ZQV 2.5N/3	A.26
1527590000	ZQV 2.5N/4	A.26
1527620000	ZQV 2.5N/5	A.26
1527630000	ZQV 2.5N/6	A.26
1527640000	ZQV 2.5N/7	A.26
1527670000	ZQV 2.5N/8	A.26
1527680000	ZQV 2.5N/9	A.26
1527690000	ZQV 2.5N/10	A.11
1527690000	ZQV 2.5N/10	A.12
1527690000	ZQV 2.5N/10	A.12
1527690000	ZQV 2.5N/10	A.13
1527690000	ZQV 2.5N/10	A.165
1527690000	ZQV 2.5N/10	A.165
1527690000	ZQV 2.5N/10	A.166
1527690000	ZQV 2.5N/10	A.167
1527690000	ZQV 2.5N/10	A.167
1527690000	ZQV 2.5N/10	A.18
1527690000	ZQV 2.5N/10	A.18
1527690000	ZQV 2.5N/10	A.185
1527690000	ZQV 2.5N/10	A.186
1527690000	ZQV 2.5N/10	A.186
1527690000	ZQV 2.5N/10	A.187
1527690000	ZQV 2.5N/10	A.19
1527690000	ZQV 2.5N/10	A.19
1527690000	ZQV 2.5N/10	A.20
1527690000	ZQV 2.5N/10	A.20
1527690000	ZQV 2.5N/10	A.21
1527690000	ZQV 2.5N/10	A.216
1527690000	ZQV 2.5N/10	A.22
1527690000	ZQV 2.5N/10	A.224
1527690000	ZQV 2.5N/10	A.224
1527690000	ZQV 2.5N/10	A.225
1527690000	ZQV 2.5N/10	A.23
1527690000	ZQV 2.5N/10	A.23
1527690000	ZQV 2.5N/10	A.23
1527690000	ZQV 2.5N/10	A.234
1527690000	ZQV 2.5N/10	A.234
1527690000	ZQV 2.5N/10	A.235
1527690000	ZQV 2.5N/10	A.235
1527690000	ZQV 2.5N/10	A.235
1527690000	ZQV 2.5N/10	A.240
1527690000	ZQV 2.5N/10	A.26
1527690000	ZQV 2.5N/10	A.7
1527690000	ZQV 2.5N/10	A.7
1527690000	ZQV 2.5N/10	A.8
1527690000	ZQV 2.5N/10	B.105
1527720000	ZQV 2.5N/20	A.26
1527730000	ZQV 2.5N/50	A.26
1527740000	ZQV 2.5N/2 BL	B.32
1527740000	ZQV 2.5N/2 BL	B.32
1527740000	ZQV 2.5N/2 BL	B.33
1527740000	ZQV 2.5N/2 BL	B.34
1527740000	ZQV 2.5N/2 BL	B.34
1527740000	ZQV 2.5N/2 BL	B.35
1527880000	ZQV 2.5N/10 BL	B.32
1527880000	ZQV 2.5N/10 BL	B.32
1527880000	ZQV 2.5N/10 BL	B.33
1527880000	ZQV 2.5N/10 BL	B.34
1527880000	ZQV 2.5N/10 BL	B.34
1527880000	ZQV 2.5N/10 BL	B.35
1527930000	ZQV 4N/2	A.26
1527940000	ZQV 4N/3	A.26
1527970000	ZQV 4N/4	A.26
1527980000	ZQV 4N/5	A.26
1527990000	ZQV 4N/6	A.26
1528020000	ZQV 4N/7	A.26
1528030000	ZQV 4N/8	A.26
1528040000	ZQV 4N/2 BL	B.36
1528040000	ZQV 4N/2 BL	B.37
1528040000	ZQV 4N/2 BL	B.42
1528040000	ZQV 4N/2 BL	B.43
1528040000	ZQV 4N/2 BL	B.44
1528070000	ZQV 4N/9	A.26
1528090000	ZQV 4N/10	A.26
1528130000	ZQV 4N/50	A.26
1528240000	ZQV 4N/50 BL	B.36
1528240000	ZQV 4N/50 BL	B.37
1528240000	ZQV 4N/50 BL	B.42
1528240000	ZQV 4N/50 BL	B.43
1528240000	ZQV 4N/50 BL	B.44

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1545710000	BLZ/SL KO BK BX	B.84
1547490000	EBB 25-50/16	B.104
1547500000	JB 25-50	B.104
1547610000	A2T 2.5	A.12
1547620000	A2T 2.5 BL	A.12
1547640000	A2T 2.5 FT-PE	A.13
1547650000	A2T 2.5 VL	A.12
1547660000	A2T 2.5 VL BL	A.12
1547680000	A2T 2.5 PE	A.17
1547690000	AEP 2T 2.5	A.12
1547690000	AEP 2T 2.5	A.12
1547690000	AEP 2T 2.5	A.13
1547690000	AEP 2T 2.5	A.17
1547690000	AEP 2T 2.5	A.23
1547690000	AEP 2T 2.5	A.23
1547690000	AEP 2T 2.5	A.23
1547690000	AEP 2T 2.5	A.24
1547700000	AEP 2T 2.5 BL	A.12
1547700000	AEP 2T 2.5 BL	A.12
1547700000	AEP 2T 2.5 BL	A.13
1547700000	AEP 2T 2.5 BL	A.23
1547700000	AEP 2T 2.5 BL	A.23
1547700000	AEP 2T 2.5 BL	A.23
1548060000	APGTB 2.5 2T 4C/2	A.23
1548070000	APGTB 2.5 2T 4C/2 BL	A.23
1548130000	APGTB 2.5 2T FT-PE 4C/2	A.23
1548140000	APGTB 2.5 2T VL 4C/2	A.23
1548150000	APGTB 2.5 2T VL 4C/2 BL	A.23
1548160000	APGTB 2.5 2T PE 4C/2	A.24

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1552600000	AEP 2C 1.5	A.14
1552600000	AEP 2C 1.5	A.6
1552610000	AEP 2C 1.5 BL	A.6
1552640000	AEP 4C 1.5	A.14
1552640000	AEP 4C 1.5	A.6
1552650000	AEP 4C 1.5 BL	A.6
1552660000	A4C 1.5 PE	A.14
1552680000	A2C 1.5 PE	A.14
1552690000	A4C 1.5	A.6
1552700000	A4C 1.5 BL	A.6
1552790000	A2C 1.5	A.6
1552820000	A2C 1.5 BL	A.6

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1560650000	WPD 101 2X25/2X16 GN	B.16
1560670000	WPD 101 2X25/2X16 BL	B.16
1560730000	WPD 101 2X25/2X16 GY	B.16
1561100000	WPD 101 2X25/2X16 BK	B.16
1561120000	WPD 101 2X25/2X16 BN	B.16
1561130000	WPD 301 2X25/2X16 3XGY	B.16
1561620000	WPD 202 4x35/4x25 GN	B.18
1561630000	WPD 102 2X35/2X25 BK	B.18
1561640000	WPD 102 2X35/2X25 BL	B.18
1561650000	WPD 102 2X35/2X25 BN	B.18
1561670000	WPD 102 2X35/2X25 GN	B.18
1561680000	WPD 102 2X35/2X25 GY	B.18
1561690000	WPD 202 4x35/4x25 BK	B.18
1561700000	WPD 202 4x35/4x25 BL	B.18
1561720000	WPD 202 4x35/4x25 BN	B.18
1561730000	WPD 202 4x35/4x25 GY	B.18
1561740000	WPD 302 2X35/2X25 3XGY	B.19
1561750000	WPD 501 2X25/2X16 5XGY	B.17
1561770000	WPD 103 2X70/2X50 GY	B.19
1561780000	WPD 103 2X70/2X50 BL	B.19
1561790000	WPD 103 2X70/2X50 GN	B.19
1561800000	WPD 401 2X25/2X16 4XGY	B.17
1561820000	WPD 103 2X70/2X50 BN	B.19
1561830000	WPD 103 2X70/2X50 BK	B.19
1561910000	WPD 100 2X25/6X10 GY	B.20
1561920000	WPD 100 2X25/6X10 BL	B.20
1561930000	WPD 100 2X25/6X10 GN	B.20
1561960000	WQB WPD X05/2	B.22
1561960000	WQB WPD X05/2	B.22
1561960000	WQB WPD X05/2	B.23
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1561970000	WQB WPD X05/3	B.23

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1561980000	WQB WPD X04/2	B.21
1561980000	WQB WPD X04/2	B.21
1561990000	WQB WPD X04/3	B.20
1561990000	WQB WPD X04/3	B.21
1561990000	WQB WPD X04/3	B.21
1562000000	WPD 104 1x25+1x16/2x16+3x10 GY	B.20
1562090000	WPD 109 1X185/2X35+3X25+4X16 GY	B.13
1562100000	WPD 108 1X120/2X35+3X25+4X16 GY	B.13
1562130000	WPD 401 2X25/2X16 3XGY/1XBL	B.17
1562140000	WPD 501 2X25/2X16 1XGN/3XGY/1XBL	B.17
1562150000	WPD 204 2X25/4X16+6X10 2XGY	B.21
1562160000	WPD 304 3X25/6X16+9X10 3XGY	B.21
1562170000	WPD 105 1x35+1x16/2x25+3x16 GY	B.22
1562180000	WPD 205 2X35/4X25+6X16 2XGY	B.22
1562190000	WPD 305 3X35/6X25+9X16 3XGY	B.23
1562210000	WPD 106 1X70/2X25+3X16 GY	B.12
1562220000	WPD 107 1X95/2X35+8X25 GY	B.12
1563900000	WD 1 25 K KARTE A 6 ST	A.278

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1573010000	BLZ/SL KO OR BX	B.84
1577320000	WAP WDU1.5/BLZ/ZA	A.240
1577320000	WAP WDU1.5/BLZ/ZA	A.240
1577330000	WAP WDU1.5/BLZ	A.240
1577330000	WAP WDU1.5/BLZ	A.240
1577340000	WDU 1.5/BLZ 5.08	A.240
1577400000	WAD WDU1.5/BLZ/BLA	A.241
1577400000	WAD WDU1.5/BLZ/BLA	A.241
1577570000	WQV 2.5/20	A.256
1577600000	WQV 2.5/32	A.256

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1592810000	KLBUE 4-13.5	B.90

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1600480000	KLBUE 3-8	B.90
1600490000	KLBUE 10-20	B.90
1604200000	SSP WTL6/2	A.53
1604200000	SSP WTL6/2	A.53
1604200000	SSP WTL6/2	A.54
1604200000	SSP WTL6/2	B.59
1604200000	SSP WTL6/2	B.59
1604270000	WKS 1/2	A.53
1604270000	WKS 1/2	A.53
1604280000	WKB 1/2	A.55
1604290000	WKS 1/3	A.55
1604290000	WKS 1/3	B.59
1604290000	WKS 1/3	B.59
1604300000	WKB 1/3	A.55
1604310000	WKS 1/4	A.55
1604310000	WKS 1/4	B.59
1604310000	WKS 1/4	B.59
1604320000	WKB 1/4	A.55
1604330000	WKB 1/10	A.55
1607720000	ESO 7 DIN A4 WS	A.129
1607720000	ESO 7 DIN A4 WS	A.129
1608510000	ZDU 2.5	A.60
1608520000	ZDU 2.5 BL	A.60
1608540000	ZDU 2.5/3AN	A.60
1608550000	ZDU 2.5/3AN BL	A.60
1608570000	ZDU 2.5/4AN	A.61
1608580000	ZDU 2.5/4AN BL	A.61
1608600000	ZDU 2.5/2X2AN	A.61
1608610000	ZDU 2.5/2X2AN BL	A.61
1608620000	ZDU 6	A.63
1608630000	ZDU 6 BL	A.63
1608640000	ZPE 2.5	A.92
1608650000	ZPE 2.5/3AN	A.93
1608660000	ZPE 2.5/4AN	A.93
1608670000	ZPE 6	A.95
1608740000	ZAP/TW 1	A.120
1608740000	ZAP/TW 1	A.60
1608740000	ZAP/TW 1	A.92
1608740000	ZAP/TW 1	B.56
1608750000	ZAP/TW 1 BL	A.60
1608770000	ZAP/TW 2 DB	A.60
1608770000	ZAP/TW 2 DB	A.93
1608780000	ZAP/TW 2 BL	A.60
1608800000	ZAP/TW 3	A.108
1608800000	ZAP/TW 3	A.109
1608800000	ZAP/TW 3	A.109
1608800000	ZAP/TW 3	A.120
1608800000	ZAP/TW 3	A.121
1608800000	ZAP/TW 3	A.146
1608800000	ZAP/TW 3	A.146
1608800000	ZAP/TW 3	A.147
1608800000	ZAP/TW 3	A.147
1608800000	ZAP/TW 3	A.61
1608800000	ZAP/TW 3	A.61
1608800000	ZAP/TW 3	A.93
1608810000	ZAP/TW 3 BL	A.61
1608810000	ZAP/TW 3 BL	A.61
1608830000	ZAP/TW 5	A.63
1608830000	ZAP/TW 5	A.95
1608840000	ZAP/TW 5 BL	A.63

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1608860000	ZQV 2.5/2	A.135
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1609110000	ZAD 1/4	A.86
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1609801044	DEK 5/5 MC NE WS	A.102
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1609820000	DEK 5/6 MC NE WS	A.100
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1609880000	WS 15/5 MC NE WS	A.269
1609880000	WS 15/5 MC NE WS	A.65
1609880000	WS 15/5 MC NE WS	A.65
1609880000	WS 15/5 MC NE WS	A.65
1609880000	WS 15/5 MC NE WS	A.66
1609880000	WS 15/5 MC NE WS	A.97
1609880000	WS 15/5 MC NE WS	A.97
1609880000	WS 15/5 MC NE WS	A.97
1609880000	WS 15/5 MC NE WS	B.130
1609900000	WS 12/6 MC NE WS	A.100
1609900000	WS 12/6 MC NE WS	A.118
1609900000	WS 12/6 MC NE WS	A.121
1609900000	WS 12/6 MC NE WS	A.169
1609900000	WS 12/6 MC NE WS	A.169
1609900000	WS 12/6 MC NE WS	A.169
1609900000	WS 12/6 MC NE WS	A.170
1609900000	WS 12/6 MC NE WS	A.170
1609900000	WS 12/6 MC NE WS	A.171
1609900000	WS 12/6 MC NE WS	A.171
1609900000	WS 12/6 MC NE WS	A.196
1609900000	WS 12/6 MC NE WS	A.204
1609900000	WS 12/6 MC NE WS	A.205
1609900000	WS 12/6 MC NE WS	A.216
1609900000	WS 12/6 MC NE WS	A.217
1609900000	WS 12/6 MC NE WS	A.227
1609900000	WS 12/6 MC NE WS	A.228
1609900000	WS 12/6 MC NE WS	A.228
1609900000	WS 12/6 MC NE WS	A.229
1609900000	WS 12/6 MC NE WS	A.59
1609900000	WS 12/6 MC NE WS	A.62
1609900000	WS 12/6 MC NE WS	A.63
1609900000	WS 12/6 MC NE WS	A.63
1609900000	WS 12/6 MC NE WS	A.63
1609900000	WS 12/6 MC NE WS	A.69
1609900000	WS 12/6 MC NE WS	A.69
1609900000	WS 12/6 MC NE WS	A.70
1609900000	WS 12/6 MC NE WS	A.70
1609900000	WS 12/6 MC NE WS	A.93
1609900000	WS 12/6 MC NE WS	A.94
1609900000	WS 12/6 MC NE WS	A.94
1609900000	WS 12/6 MC NE WS	A.95
1609900000	WS 12/6 MC NE WS	A.95
1609900000	WS 12/6 MC NE WS	A.96
1609900000	WS 12/6 MC NE WS	A.96
1609900000	WS 12/6 MC NE WS	A.99
1609900000	WS 12/6 MC NE WS	A.99
1609900000	WS 12/6 MC NE WS	B.103
1609900000	WS 12/6 MC NE WS	B.105
1609900000	WS 12/6 MC NE WS	B.56
1609920000	WS 12/6.5 MC NE WS	A.172
1609920000	WS 12/6.5 MC NE WS	A.173
1609920000	WS 12/6.5 MC NE WS	A.173
1609920000	WS 12/6.5 MC NE WS	A.174
1609920000	WS 12/6.5 MC NE WS	A.174
1609920000	WS 12/6.5 MC NE WS	A.175
1609920000	WS 12/6.5 MC NE WS	A.175
1609920000	WS 12/6.5 MC NE WS	A.175
1609920000	WS 12/6.5 MC NE WS	A.176
1609920000	WS 12/6.5 MC NE WS	A.178
1609920000	WS 12/6.5 MC NE WS	A.179
1609920000	WS 12/6.5 MC NE WS	A.179

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1609920000	WS 12/6.5 MC NE WS	A.180
1609920000	WS 12/6.5 MC NE WS	A.180
1609920000	WS 12/6.5 MC NE WS	A.181
1609920000	WS 12/6.5 MC NE WS	A.181
1609920000	WS 12/6.5 MC NE WS	A.181
1609920000	WS 12/6.5 MC NE WS	A.182
1609920000	WS 12/6.5 MC NE WS	A.182
1609920000	WS 12/6.5 MC NE WS	A.196
1609920000	WS 12/6.5 MC NE WS	A.197
1609920000	WS 12/6.5 MC NE WS	A.197
1609920000	WS 12/6.5 MC NE WS	A.197
1609920000	WS 12/6.5 MC NE WS	A.198
1609920000	WS 12/6.5 MC NE WS	A.198
1609920000	WS 12/6.5 MC NE WS	A.199
1609920000	WS 12/6.5 MC NE WS	A.199
1609920000	WS 12/6.5 MC NE WS	A.199
1609920000	WS 12/6.5 MC NE WS	A.200
1609920000	WS 12/6.5 MC NE WS	A.200
1609920000	WS 12/6.5 MC NE WS	A.201
1609920000	WS 12/6.5 MC NE WS	A.201
1609920000	WS 12/6.5 MC NE WS	A.206
1609920000	WS 12/6.5 MC NE WS	A.207
1609920000	WS 12/6.5 MC NE WS	A.208
1609920000	WS 12/6.5 MC NE WS	A.209
1609920000	WS 12/6.5 MC NE WS	A.210
1609920000	WS 12/6.5 MC NE WS	A.211
1609920000	WS 12/6.5 MC NE WS	A.272
1609920000	WS 12/6.5 MC NE WS	A.273
1609920000	WS 12/6.5 MC NE WS	A.273
1609920000	WS 12/6.5 MC NE WS	A.274
1609920000	WS 12/6.5 MC NE WS	A.275
1609920000	WS 12/6.5 MC NE WS	B.10
1609920000	WS 12/6.5 MC NE WS	B.10
1609920000	WS 12/6.5 MC NE WS	B.106
1609920000	WS 12/6.5 MC NE WS	B.107
1609920000	WS 12/6.5 MC NE WS	B.107
1609920000	WS 12/6.5 MC NE WS	B.107
1609920000	WS 12/6.5 MC NE WS	B.108
1609920000	WS 12/6.5 MC NE WS	B.108
1609920000	WS 12/6.5 MC NE WS	B.11
1609920000	WS 12/6.5 MC NE WS	B.51
1609920000	WS 12/6.5 MC NE WS	B.51
1609920000	WS 12/6.5 MC NE WS	B.6
1609920000	WS 12/6.5 MC NE WS	B.6
1609920000	WS 12/6.5 MC NE WS	B.7
1609920000	WS 12/6.5 MC NE WS	B.7
1609920000	WS 12/6.5 MC NE WS	B.7
1609920000	WS 12/6.5 MC NE WS	B.8
1609920000	WS 12/6.5 MC NE WS	B.8
1609920000	WS 12/6.5 MC NE WS	B.9
1609920000	WS 12/6.5 MC NE WS	B.9

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1610840000	ZAP TNHE/ZSI2.5	A.108
1610840000	ZAP TNHE/ZSI2.5	A.109
1610840000	ZAP TNHE/ZSI2.5	A.109
1610840000	ZAP TNHE/ZSI2.5	A.110
1610840000	ZAP TNHE/ZSI2.5	A.111
1611930000	ZGB 30	A.240
1614280000	ZRH 2.5/3	A.159
1614290000	ZRH 2.5/2 GR/V0	A.159
1614300000	ZRH 2.5/1 WS	A.159
1616330000	WFL 70/95	A.181
1616330000	WFL 70/95	B.7
1616340000	WFL 120/150	A.182
1616340000	WFL 120/150	B.8
1616400000	ZSI 2.5	A.108
1616410000	ZSI 2.5/LD 250AC	A.109
1616420000	ZSI 2.5/LD 120AC	A.109
1616430000	ZSI 2.5/LD 60AC	A.109
1616440000	ZSI 2.5/LD 28AC	A.109
1616460000	ZSI 2.5/2 500AC	A.110
1616470000	ZSI 2.5/2/LD 28AC	A.111
1616480000	ZSI 2.5/2/LD 60AC	A.111
1616490000	ZSI 2.5/2/LD 120AC	A.111
1616500000	ZSI 2.5/2/LD 250AC	A.111

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1627850000	ZQV 6/2 GE	A.109
1627850000	ZQV 6/2 GE	A.109
1627850000	ZQV 6/2 GE	A.118
1627850000	ZQV 6/2 GE	A.121
1627850000	ZQV 6/2 GE	A.155
1627860000	ZQV 6/3 GE	A.155
1627870000	ZQV 6/4 GE	A.155

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1632050000	ZDU 4	A.62
1632060000	ZDU 4 BL	A.62
1632080000	ZPE 4	A.93
1632090000	ZAP/TW 4	A.62
1632090000	ZAP/TW 4	A.93
1632100000	ZAP/TW 4 BL	A.62
1632130000	ZRH 1.5N/2	A.159
1632140000	ZRH 1.5N/1	A.159

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1632290000	WTA 1 WDU1.5	A.167
1632290000	WTA 1 WDU1.5	A.167
1632290000	WTA 1 WDU1.5	A.168
1632290000	WTA 1 WDU1.5	A.170
1632290000	WTA 1 WDU1.5	A.260
1632300000	WTA 1/ZA WDU1.5	A.167
1632300000	WTA 1/ZA WDU1.5	A.167
1632300000	WTA 1/ZA WDU1.5	A.168
1632300000	WTA 1/ZA WDU1.5	A.170
1632300000	WTA 1/ZA WDU1.5	A.260
1632320000	WTA 2 WDU2.5-10	A.165
1632320000	WTA 2 WDU2.5-10	A.165
1632320000	WTA 2 WDU2.5-10	A.166
1632320000	WTA 2 WDU2.5-10	A.167
1632320000	WTA 2 WDU2.5-10	A.177
1632320000	WTA 2 WDU2.5-10	A.260
1632320000	WTA 2 WDU2.5-10	B.105
1632320000	WTA 2 WDU2.5-10	B.106
1632330000	WTA 2/ZA WDU2.5-10	A.165
1632330000	WTA 2/ZA WDU2.5-10	A.165
1632330000	WTA 2/ZA WDU2.5-10	A.166
1632330000	WTA 2/ZA WDU2.5-10	A.167
1632330000	WTA 2/ZA WDU2.5-10	A.260
1632330000	WTA 2/ZA WDU2.5-10	B.105
1632340000	WTA 2/10 WDU2.5/10	A.260
1632350000	WTA 3 WDU4	A.169
1632350000	WTA 3 WDU4	A.169
1632350000	WTA 3 WDU4	A.171
1632350000	WTA 3 WDU4	A.171
1632350000	WTA 3 WDU4	A.172
1632350000	WTA 3 WDU4	A.172
1632350000	WTA 3 WDU4	A.174
1632350000	WTA 3 WDU4	A.260
1632350000	WTA 3 WDU4	B.105
1632360000	WTA 3/ZA WDU4	A.169
1632360000	WTA 3/ZA WDU4	A.169
1632360000	WTA 3/ZA WDU4	A.260
1632360000	WTA 3/ZA WDU4	B.105
1632380000	WTA 6 WTR2.5	A.260
1632390000	WTA 6/ZA WTR2.5	A.260
1633200000	ZQS 2.5/2	A.110
1633200000	ZQS 2.5/2	A.111
1633200000	ZQS 2.5/2	A.155
1633210000	ZQS 2.5/3	A.155
1633220000	ZQS 2.5/4	A.110
1633220000	ZQS 2.5/4	A.111
1633220000	ZQS 2.5/4	A.155
1633230000	ZQS 2.5/5	A.155
1633280000	VQB 1.5/50 BL	A.191
1633280000	VQB 1.5/50 BL	A.191
1633290000	VQB 1.5/50 RT	A.191
1633290000	VQB 1.5/50 RT	A.191
1635000000	WS 10/5 MC NE WS	A.105
1635000000	WS 10/5 MC NE WS	A.108
1635000000	WS 10/5 MC NE WS	A.109
1635000000	WS 10/5 MC NE WS	A.109
1635000000	WS 10/5 MC NE WS	A.110
1635000000	WS 10/5 MC NE WS	A.111
1635000000	WS 10/5 MC NE WS	A.112
1635000000	WS 10/5 MC NE WS	A.112
1635000000	WS 10/5 MC NE WS	A.114
1635000000	WS 10/5 MC NE WS	A.116
1635000000	WS 10/5 MC NE WS	A.117
1635000000	WS 10/5 MC NE WS	A.117
1635000000	WS 10/5 MC NE WS	A.120
1635000000	WS 10/5 MC NE WS	A.120
1635000000	WS 10/5 MC NE WS	A.125
1635000000	WS 10/5 MC NE WS	A.127
1635000000	WS 10/5 MC NE WS	A.127
1635000000	WS 10/5 MC NE WS	A.128
1635000000	WS 10/5 MC NE WS	A.128
1635000000	WS 10/5 MC NE WS	A.132
1635000000	WS 10/5 MC NE WS	A.136
1635000000	WS 10/5 MC NE WS	A.136
1635000000	WS 10/5 MC NE WS	A.137
1635000000	WS 10/5 MC NE WS	A.137
1635000000	WS 10/5 MC NE WS	A.146
1635000000	WS 10/5 MC NE WS	A.146
1635000000	WS 10/5 MC NE WS	A.147
1635000000	WS 10/5 MC NE WS	A.147
1635000000	WS 10/5 MC NE WS	A.149
1635000000	WS 10/5 MC NE WS	A.149
1635000000	WS 10/5 MC NE WS	A.150
1635000000	WS 10/5 MC NE WS	A.150
1635000000	WS 10/5 MC NE WS	A.151
1635000000	WS 10/5 MC NE WS	A.151
1635000000	WS 10/5 MC NE WS	A.151
1635000000	WS 10/5 MC NE WS	A.234
1635000000	WS 10/5 MC NE WS	A.234
1635000000	WS 10/5 MC NE WS	A.235
1635000000	WS 10/5 MC NE WS	A.235
1635000000	WS 10/5 MC NE WS	A.235
1635000000	WS 10/5 MC NE WS	A.30
1635000000	WS 10/5 MC NE WS	A.30
1635000000	WS 10/5 MC NE WS	A.31
1635000000	WS 10/5 MC NE WS	A.31
1635000000	WS 10/5 MC NE WS	A.38
1635000000	WS 10/5 MC NE WS	A.38
1635000000	WS 10/5 MC NE WS	A.39

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1635000000	WS 10/5 MC NE WS	A.42
1635000000	WS 10/5 MC NE WS	A.46
1635000000	WS 10/5 MC NE WS	A.46
1635000000	WS 10/5 MC NE WS	A.47
1635000000	WS 10/5 MC NE WS	A.47
1635000000	WS 10/5 MC NE WS	A.47
1635000000	WS 10/5 MC NE WS	A.48
1635000000	WS 10/5 MC NE WS	A.56
1635000000	WS 10/5 MC NE WS	A.56
1635000000	WS 10/5 MC NE WS	A.57
1635000000	WS 10/5 MC NE WS	A.57
1635000000	WS 10/5 MC NE WS	A.60
1635000000	WS 10/5 MC NE WS	A.60
1635000000	WS 10/5 MC NE WS	A.61
1635000000	WS 10/5 MC NE WS	A.61
1635000000	WS 10/5 MC NE WS	A.82
1635000000	WS 10/5 MC NE WS	A.82
1635000000	WS 10/5 MC NE WS	A.83
1635000000	WS 10/5 MC NE WS	A.84
1635000000	WS 10/5 MC NE WS	A.84
1635000000	WS 10/5 MC NE WS	A.88
1635000000	WS 10/5 MC NE WS	A.88
1635000000	WS 10/5 MC NE WS	A.89
1635000000	WS 10/5 MC NE WS	A.90
1635000000	WS 10/5 MC NE WS	A.90
1635000000	WS 10/5 MC NE WS	A.91
1635000000	WS 10/5 MC NE WS	A.92
1635000000	WS 10/5 MC NE WS	A.93
1635000000	WS 10/5 MC NE WS	A.93
1635000000	WS 10/5 MC NE WS	A.99
1635000000	WS 10/5 MC NE WS	B.114
1635000000	WS 10/5 MC NE WS	B.124
1635000000	WS 10/5 MC NE WS	B.126
1635000000	WS 10/5 MC NE WS	B.127
1635000000	WS 10/5 MC NE WS	B.79
1635000000	WS 10/5 MC NE WS	B.80
1635000000	WS 10/5 MC NE WS	B.80
1635000000	WS 10/5 MC NE WS	B.81
1635000000	WS 10/5 MC NE WS	B.82
1635000000	WS 10/5 MC NE WS	B.83
1635000000	WS 10/5 MC NE WS	B.83
1635120000	VQB 1.5/50 SW	A.191
1635120000	VQB 1.5/50 SW	A.191
1636560000	WQV 16N/2	A.257
1636570000	WQV 16N/3	A.257
1636580000	WQV 16N/4	A.257
1636640000	ZRH 4/1 WS	A.159
1636650000	ZRH 4/2	A.100

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1640740000	WS 8/5 MC NE WS	A.184
1640740000	WS 8/5 MC NE WS	A.185
1640740000	WS 8/5 MC NE WS	A.185
1640740000	WS 8/5 MC NE WS	A.185
1640740000	WS 8/5 MC NE WS	A.186
1640740000	WS 8/5 MC NE WS	A.186
1640740000	WS 8/5 MC NE WS	A.187
1640740000	WS 8/5 MC NE WS	A.187
1640740000	WS 8/5 MC NE WS	A.202
1640740000	WS 8/5 MC NE WS	A.202
1640740000	WS 8/5 MC NE WS	A.230
1640740000	WS 8/5 MC NE WS	A.230
1640740000	WS 8/5 MC NE WS	A.231
1640740000	WS 8/5 MC NE WS	A.231
1640740000	WS 8/5 MC NE WS	A.231
1640740000	WS 8/5 MC NE WS	A.232
1640740000	WS 8/5 MC NE WS	A.232
1640740000	WS 8/5 MC NE WS	A.233
1640740000	WS 8/5 MC NE WS	A.233
1640740000	WS 8/5 MC NE WS	A.238
1640740000	WS 8/5 MC NE WS	A.238
1640740000	WS 8/5 MC NE WS	A.239
1640740000	WS 8/5 MC NE WS	A.241
1640740000	WS 8/5 MC NE WS	A.241
1640740000	WS 8/5 MC NE WS	A.244
1640740000	WS 8/5 MC NE WS	A.244
1640740000	WS 8/5 MC NE WS	A.245
1640740000	WS 8/5 MC NE WS	A.245
1640740000	WS 8/5 MC NE WS	A.246
1640740000	WS 8/5 MC NE WS	A.246
1640740000	WS 8/5 MC NE WS	A.247
1640740000	WS 8/5 MC NE WS	A.247
1640740000	WS 8/5 MC NE WS	A.247
1640740000	WS 8/5 MC NE WS	B.136
1640740000	WS 8/5 MC NE WS	B.136
1640740000	WS 8/5 MC NE WS	B.137
1640740000	WS 8/5 MC NE WS	B.137
1640740000	WS 8/5 MC NE WS	B.137
1640740000	WS 8/5 MC NE WS	B.138
1640740000	WS 8/5 MC NE WS	B.138
1640740000	WS 8/5 MC NE WS	B.139
1640740000	WS 8/5 MC NE WS	B.139
1640740000	WS 8/5 MC NE WS	B.139
1646690000	ZZA 2.5	A.160
1649300000	ZVL 1.5	B.67
1649350000	ZZA 2.5/ZA	A.160
1649540000	ZAP/TW ZIA1.5/3L	B.66
1649550000	ZAP/TW ZIA1.5/4L	B.67

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1650210000	WTA 7 WSI6	A.260
1650340000	ZDU 2.5/2X2AN/D+	A.147
1650350000	ZDU 2.5/2X2AN/D-	A.147
1650360000	ZVL 1.5 BL	B.67
1650370000	ZVL 1.5 BR	B.67
1651970000	ZVL 1.5/PE GN/GE BED	B.67
1651980000	ZIA 1.5/3L-1S	B.66
1651990000	ZIA 1.5/3L-1S/LD-RT	B.66
1652000000	ZIA 1.5/3L-PE	B.66
1652010000	ZIA 1.5/4L-1S	B.67
1652020000	ZIA 1.5/4L-1S/LD	B.67
1652030000	ZIA 1.5/4L-PE	B.67
1654050000	ZTA 3 ZDU6	A.156
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1670360000	QVSK 2 SAKT1	A.54
1674300000	ZDK 2.5	A.76
1674650000	ZAP/TW ZPV1.5	B.66
1674730000	ZAP/TW ZDK2.5	A.104
1674730000	ZAP/TW ZDK2.5	A.149
1674730000	ZAP/TW ZDK2.5	A.149
1674730000	ZAP/TW ZDK2.5	A.149
1674730000	ZAP/TW ZDK2.5	A.150
1674730000	ZAP/TW ZDK2.5	A.150
1674730000	ZAP/TW ZDK2.5	A.151
1674730000	ZAP/TW ZDK2.5	A.151
1674730000	ZAP/TW ZDK2.5	A.151
1674730000	ZAP/TW ZDK2.5	A.76
1674730000	ZAP/TW ZDK2.5	A.76
1674730000	ZAP/TW ZDK2.5	A.77
1674730000	ZAP/TW ZDK2.5	A.77
1674730000	ZAP/TW ZDK2.5	A.77
1674770000	ESG 9/17 K MC SDR	B.12
1675350000	KLBUE 2X2-6	B.90
1676610000	BZT ZVL1.5	B.67
1676620000	BZT ZVL1.5/O.ZA	B.67
1676630000	ZPV 1.5	B.66
1677120000	ZQB 2.5-2	A.154
1677120000	ZQB 2.5-2	A.56
1677120000	ZQB 2.5-2	A.56
1677120000	ZQB 2.5-2	A.69
1678630000	ZDK 2.5 BL	A.76
1678800000	ZRH 1.5H/2	A.159
1678810000	ZRH 1.5H/1	A.159
1680000000		
1688110000	ZTA 4	A.157
1689960000	ZDK 2.5N-DU	A.77
1689970000	ZDK 2.5DU-PE	A.77
1689980000	ZDK 2.5N-PE	A.77
1689990000	ZDK 2.5V	A.76
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1690000000	ZDK 2.5PE	A.104
1690010000	ZDK 2.5/LD RT/1	A.149
1690020000	ZDK 2.5/D/1	A.150
1690030000	ZDK 2.5/D/2	A.150
1690040000	ZDK 2.5/D/4	A.151
1690050000	ZDK 2.5/D/5	A.151
1690060000	ZDK 2.5/D/6	A.151
1692261001	KLBUE 3-8 SC	B.95
1692590000	ZDU 2.5/2X2AN/LD+	A.146
1692600000	ZDU 2.5/2X2AN/LD-	A.146
1693800000	ZQV 2.5N/2 GE	A.122
1693800000	ZQV 2.5N/2 GE	A.124
1693800000	ZQV 2.5N/2 GE	A.124
1693800000	ZQV 2.5N/2 GE	A.125
1693800000	ZQV 2.5N/2 GE	A.125
1693800000	ZQV 2.5N/2 GE	A.130
1693800000	ZQV 2.5N/2 GE	A.130
1693800000	ZQV 2.5N/2 GE	A.131
1693800000	ZQV 2.5N/2 GE	A.131
1693800000	ZQV 2.5N/2 GE	A.133
1693800000	ZQV 2.5N/2 GE	A.137
1693800000	ZQV 2.5N/2 GE	A.137
1693800000	ZQV 2.5N/2 GE	A.154
1693800000	ZQV 2.5N/2 GE	A.254
1693800000	ZQV 2.5N/2 GE	A.57
1693800000	ZQV 2.5N/2 GE	A.57
1693800000	ZQV 2.5N/2 GE	B.78
1693800000	ZQV 2.5N/2 GE	B.78
1693800000	ZQV 2.5N/2 GE	B.79
1693800000	ZQV 2.5N/2 GE	B.80
1693800000	ZQV 2.5N/2 GE	B.80
1693800000	ZQV 2.5N/2 GE	B.81
1693800000	ZQV 2.5N/2 GE	B.81
1693800000	ZQV 2.5N/2 GE	B.82
1693800000	ZQV 2.5N/2 GE	B.83
1693800000	ZQV 2.5N/2 GE	B.83
1693810000	ZQV 2.5N/3 GE	A.154
1693810000	ZQV 2.5N/3 GE	A.254
1693820000	ZQV 2.5N/4 GE	A.154
1693820000	ZQV 2.5N/4 GE	A.254
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1693840000	ZQV 2.5N/6 GE	A.254
1693850000	ZQV 2.5N/7 GE	A.154
1693850000	ZQV 2.5N/7 GE	A.254
1693860000	ZQV 2.5N/8 GE	A.154
1693860000	ZQV 2.5N/8 GE	A.254
1693870000	ZQV 2.5N/9 GE	A.154
1693870000	ZQV 2.5N/9 GE	A.254
1693880000	ZQV 2.5N/10 GE	A.122
1693880000	ZQV 2.5N/10 GE	A.124
1693880000	ZQV 2.5N/10 GE	A.124
1693880000	ZQV 2.5N/10 GE	A.125
1693880000	ZQV 2.5N/10 GE	A.125
1693880000	ZQV 2.5N/10 GE	A.130
1693880000	ZQV 2.5N/10 GE	A.130
1693880000	ZQV 2.5N/10 GE	A.131
1693880000	ZQV 2.5N/10 GE	A.131
1693880000	ZQV 2.5N/10 GE	A.133
1693880000	ZQV 2.5N/10 GE	A.137
1693880000	ZQV 2.5N/10 GE	A.137
1693880000	ZQV 2.5N/10 GE	A.154
1693880000	ZQV 2.5N/10 GE	A.254
1693880000	ZQV 2.5N/10 GE	A.57
1693880000	ZQV 2.5N/10 GE	A.57
1693880000	ZQV 2.5N/10 GE	B.78
1693880000	ZQV 2.5N/10 GE	B.78
1693880000	ZQV 2.5N/10 GE	B.79
1693880000	ZQV 2.5N/10 GE	B.80
1693880000	ZQV 2.5N/10 GE	B.80
1693880000	ZQV 2.5N/10 GE	B.81
1693880000	ZQV 2.5N/10 GE	B.81
1693880000	ZQV 2.5N/10 GE	B.82
1693880000	ZQV 2.5N/10 GE	B.83
1693880000	ZQV 2.5N/10 GE	B.83
1693940000	ZDK 2.5/LD RT/2	A.149
1694140000	ZDK 2.5 OR	A.149
1697540000	ZQV 2.5/50	B.66
1697540000	ZQV 2.5/50	B.67
1698160000	ZRV 1.5	A.134
1698170000	ZRV 1.5/PE	A.134
1698180000	AP ZRV1.5 DB	A.134
1698180000	AP ZRV1.5 DB	A.134
1698190000	STGH 4 ZRV1.5	A.134
1698200000	STGH 4 ZRV1.5/PE GN	A.134
1700000000		
1704750000	ZAP ZDUB	A.56
1704750000	ZAP ZDUB	A.56
1704750000	ZAP ZDUB	A.91
1704760000	ZAP ZDUB BL	A.56
1704760000	ZAP ZDUB BL	A.56
1704770000	ZAP ZDUB OR	A.56
1704770000	ZAP ZDUB OR	A.56
1705310000	DFFC 0.2-0.35 ZRV1.5	A.134
1705320000	DFFC .5-1.0 ZRV1.5	A.134
1706010000	ZDU 2.5-2/3AN	A.68
1706040000	ZDU 2.5-2/3AN BL	A.68
1706060000	ZDU 2.5-2/4AN	A.69
1706070000	ZDU 2.5-2/4AN BL	A.69
1706090000	ZPE 2.5-2/3AN	A.98
1706100000	ZPE 2.5-2/4AN	A.99
1706110000	ZAP/TW7	A.121
1706110000	ZAP/TW7	A.148
1706110000	ZAP/TW7	A.148
1706110000	ZAP/TW7	A.68
1706110000	ZAP/TW7	A.68
1706110000	ZAP/TW7	A.69
1706110000	ZAP/TW7	A.98
1706110000	ZAP/TW7	A.98
1706110000	ZAP/TW7	A.99
1706120000	ZAP/TW7 BL	A.68
1706120000	ZAP/TW7 BL	A.68
1706120000	ZAP/TW7 BL	A.69
1710000000		
1711930000	ZVL 1.5 O.QV	B.67
1712311001	KLBUE 4-13.5 SC	B.95
1712321001	KLBUE 10-20 SC	B.95
1712750000	ZDUB 2.5-2/2AN/15	A.56
1712760000	ZDUB 2.5-2/2AN/15 BL	A.56
1712770000	ZDUB 2.5-2/2AN/15 OR	A.56
1712780000	ZDUB 2.5-2/4AN/15	A.56
1712790000	ZDUB 2.5-2/4AN/15 BL	A.56
1712800000	ZDUB 2.5-2/4AN/15 OR	A.56
1712810000	ZPEB 2.5-2	A.91
1715970000	WSH 3/H/N	B.92
1716300000	KLBUE 15-32	B.90
1717740000	WPE 35N	A.199
1717900000	ZQV 2.5N/2 RT	A.254
1717910000	ZQV 2.5N/3 RT	A.254
1717920000	ZQV 2.5N/4 RT	A.254
1717930000	ZQV 2.5N/5 RT	A.254
1717940000	ZQV 2.5N/6 RT	A.254
1717950000	ZQV 2.5N/7 RT	A.254
1717960000	ZQV 2.5N/8 RT	A.254
1717980000	ZQV 2.5N/10 RT	A.254

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1717990000	ZQV 2.5N/2 BL	A.254
1718000000	ZQV 2.5N/3 BL	A.254
1718010000	ZQV 2.5N/4 BL	A.254
1718020000	ZQV 2.5N/5 BL	A.254
1718030000	ZQV 2.5N/6 BL	A.254
1718040000	ZQV 2.5N/7 BL	A.254
1718050000	ZQV 2.5N/8 BL	A.254
1718060000	ZQV 2.5N/9 BL	A.254
1718070000	ZQV 2.5N/10 BL	A.254
1718080000	ZQV 2.5N/2 SW	A.254
1718090000	ZQV 2.5N/3 SW	A.254
1718100000	ZQV 2.5N/4 SW	A.254
1718110000	ZQV 2.5N/5 SW	A.254
1718120000	ZQV 2.5N/6 SW	A.254
1718130000	ZQV 2.5N/7 SW	A.254
1718140000	ZQV 2.5N/8 SW	A.254
1718150000	ZQV 2.5N/9 SW	A.254
1718160000	ZQV 2.5N/10 SW	A.254
1718341001	KLBUE 15-32 SC	B.95
1718550000	WNT 35N 10X3	B.134
1720000000		
1720700000	ZVQ 2.5/1.5	A.155
1720920000	ZDUA 2.5-2	A.57
1720930000	ZDUA 2.5-2 BL	A.57
1720940000	ZDUA 2.5-2 OR	A.57
1720950000	ZPEA 2.5-2	A.90
1720960000	ZAP/TW ZDUA	A.57
1720960000	ZAP/TW ZDUA	A.90
1720970000	ZAP/TW ZDUA BL	A.57
1720980000	ZAP/TW ZDUA OR	A.57
1723800000	BS 35II KLBUE HOLDER	B.96
1723810000	BS 35II KLBUE3-8	B.96
1723820000	BS 35II/KLBUE 4-13.5	B.96
1724580000	FM 4.2/TS35	C.23
1730000000		
1730900000	ZSI 2.5/5X25	A.109
1730940000	WDU 2.5N/600UL	A.168
1733640000	ZQV 6/32 GE	B.122
1733640000	ZQV 6/32 GE	B.122
1733640000	ZQV 6/32 GE	B.123
1733640000	ZQV 6/32 GE	B.123
1739540000	ZDU 10S	B.125
1739550000	ZDU 10S BL	B.125
1739560000	ZNT 10S	B.128
1739570000	ZPE 10S	B.127
1739580000	ZDU 16S	B.125
1739590000	ZDU 16S BL	B.125
1739600000	ZNT 16S	B.129
1739610000	ZPE 16S	B.127
1739620000	ZDU 35	A.66
1739630000	ZDU 35 BL	A.66
1739640000	ZNT 35	B.129
1739650000	ZPE 35	A.97
1739660000	ZAP ZDU10/16S	B.125
1739660000	ZAP ZDU10/16S	B.125
1739660000	ZAP ZDU10/16S	B.127
1739660000	ZAP ZDU10/16S	B.127
1739660000	ZAP ZDU10/16S	B.128
1739660000	ZAP ZDU10/16S	B.129
1739660000	ZAP ZDU10/16S	B.130
1739680000	ZQV 10/2	A.155
1739680000	ZQV 10/2	A.64
1739680000	ZQV 10/2	A.64
1739680000	ZQV 10/2	B.125
1739680000	ZQV 10/2	B.130
1739680000	ZQV 10/2	B.60
1739680000	ZQV 10/2	B.60
1739690000	ZQV 16/2	A.155
1739690000	ZQV 16/2	A.33
1739690000	ZQV 16/2	A.41
1739690000	ZQV 16/2	A.50
1739690000	ZQV 16/2	A.65
1739690000	ZQV 16/2	A.65
1739690000	ZQV 16/2	B.112
1739690000	ZQV 16/2	B.113
1739690000	ZQV 16/2	B.125
1739690000	ZQV 16/2	B.128
1739690000	ZQV 16/2	B.129
1739700000	ZQV 35/2	A.155
1739890000	SCH-1-WINBLOC	B.95
1740000000		
1742630000	BTWZ KLBUE	B.100
1742630000	BTWZ KLBUE	B.100
1742630000	BTWZ KLBUE	B.101
1742630000	BTWZ KLBUE	B.101
1742630000	BTWZ KLBUE	B.95
1742630000	BTWZ KLBUE	B.99
1742630000	BTWZ KLBUE	B.99
1745150000	ZAP/TW ZDU16	A.65
1745150000	ZAP/TW ZDU16	A.97
1745210000	ZAD 5/5	A.65
1745210000	ZAD 5/5	A.65
1745210000	ZAD 5/5	A.65

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1745230000	ZDU 16	A.65
1745240000	ZDU 16 BL	A.65
1745250000	ZPE 16	A.97
1745350000	ZEI 16	A.65
1745400000	ZDTR 2.5	A.122
1745420000	AP ZDTR2.5	A.122
1745880000	ZDK 2.5V BL	A.76
1746730000	ZAD 4/5	A.64
1746730000	ZAD 4/5	A.64
1746750000	ZDU 10	A.64
1746760000	ZDU 10 BL	A.64
1746770000	ZPE 10	A.96
1747350000	TS 35X7.5 2M/CRN	C.19
1748660000	ZAP/TW ZDU10	A.64
1748660000	ZAP/TW ZDU10	A.96
1748800000	ZAP/TW ZDK2.5 BL	A.149
1748800000	ZAP/TW ZDK2.5 BL	A.76
1748800000	ZAP/TW ZDK2.5 BL	A.76
1748800000	ZAP/TW ZDK2.5 BL	A.77
1748800000	ZAP/TW ZDK2.5 BL	A.77
1748800000	ZAP/TW ZDK2.5 BL	A.77
1749151001	KLBUE CO 3	B.91
1749161001	KLBUE CO 4	B.91
1749430000	BS 35II KLBUE3-8/2X2-6	B.96
1749580000	ZAP/TW 10/16	A.64
1749580000	ZAP/TW 10/16	A.65
1749580000	ZAP/TW 10/16	A.96
1749580000	ZAP/TW 10/16	A.97
1750000000		
1752131001	KLBUE CO 2	B.91
1752620000	ZAD 6/5	A.66
1752681001	KLBUE 3-8 CPF	B.97
1752691001	KLBUE 4-13.5 CPF	B.97
1752701001	KLBUE 10-20 CPF	B.97
1752711001	KLBUE 15-32 CPF	B.97
1753280000	WDU 1.5/R3.5	A.164
1753290000	WDK 1.5/R3.5	A.184
1753311001	KLBUE CO 1	B.91
1754170000	WDU 1.5/R3.5 BL	A.164
1754190000	WAP WDU1.5/R3.5	A.192
1754200000	WAP WDK1.5/R3.5	A.164
1754200000	WAP WDK1.5/R3.5	A.184
1754210000	ZQV 1.5N/R3.5/2 GE	A.164
1754290000	ZQV 1.5N/R3.5/10 GE	A.164
1754960000	WTL 4	B.56
1754970000	WTL 4/STB	B.56
1755081001	KLBUE CO 5	B.91
1755270000	DEK 5/3.5 MC NE WS	A.104
1757970000	ZAP ZDU4/NT	B.130
1757980000	ZDU 4/NT	B.130
1758250000	ZQV 4N/2 GE	A.254
1758260000	ZQV 4N/10 GE	A.254
1760000000		
1760720000	BS 35/WSH 2	B.93
1762420000	ZDU 10/NT	B.130
1762620000	ZQV 4N/4 GE	A.254
1762630000	ZQV 4N/3 GE	A.254
1763940000	WTR 2.5/SI	A.216
1763950000	WTR 2.5/SI LD 36V	A.216
1764100000	ZAP/TW ZDU16 BL	A.65
1764110000	ZAP/TW ZDU10 BL	A.64
1764550000	ZBS1 F.D SET	A.160
1764560000	ZAD 1/4-2 GE	A.68
1764560000	ZAD 1/4-2 GE	A.68
1764560000	ZAD 1/4-2 GE	A.69
1764560000	ZAD 1/4-2 GE	A.82
1764560000	ZAD 1/4-2 GE	A.82
1764560000	ZAD 1/4-2 GE	A.83
1764560000	ZAD 1/4-2 GE	A.84
1764560000	ZAD 1/4-2 GE	A.84
1766240000	ZEI 16 BL	A.65
1767670000	ZPE 10/3AN	A.96
1767690000	ZDU 10/3AN	A.64
1767700000	ZDU 10/3AN BL	A.64
1768000000	ZMAK 2.5	A.81
1768010000	ZAP ZMAK2.5	A.81
1768010000	ZAP ZMAK2.5	A.81
1768020000	BS 35II KLBUE2X3-8/2X2-6	B.96
1768090000	WS 14/5 MC NE WS	A.121
1768090000	WS 14/5 MC NE WS	A.148
1768090000	WS 14/5 MC NE WS	A.148
1768090000	WS 14/5 MC NE WS	A.68
1768090000	WS 14/5 MC NE WS	A.68
1768310000	ZPE 16/3AN	A.97
1768320000	ZDU 16/3AN	A.65
1768330000	ZDU 16/3AN BL	A.65
1768520000	ZAP/TW 10/16 BL	A.64
1768520000	ZAP/TW 10/16 BL	A.65
1768800000	ZDK 2.5 EM	A.149
1770000000		
1770360000	ZDU 4-2/3AN	A.69
1770370000	ZDU 4-2/2AN	A.69
1770380000	ZPE 4-2/2AN	A.99

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1770400000	ZAP ZDU4-2	A.69
1770400000	ZAP ZDU4-2	A.69
1770400000	ZAP ZDU4-2	A.70
1770400000	ZAP ZDU4-2	A.99
1770400000	ZAP ZDU4-2	A.99
1770840000	ZDU 4-2/2AN BL	A.69
1770860000	ZDU 4-2/3AN BL	A.69
1770880000	ZAP ZDU4-2 BL	A.69
1770880000	ZAP ZDU4-2 BL	A.69
1770880000	ZAP ZDU4-2 BL	A.70
1771360000	ZPE 6-2/3AN	A.101
1771370000	ZPE 6-2/2AN	A.100
1771380000	ZDU 6-2/2AN	A.71
1771390000	ZDU 6-2/2AN BL	A.71
1771410000	ZDU 6-2/3AN	A.71
1771420000	ZDU 6-2/3AN BL	A.71
1771440000	ZAP ZDU6-2	A.100
1771440000	ZAP ZDU6-2	A.101
1771440000	ZAP ZDU6-2	A.121
1771440000	ZAP ZDU6-2	A.71
1771440000	ZAP ZDU6-2	A.71
1771440000	ZAP ZDU6-2	B.102
1771800000	ZTL 6	B.50
1771800000	ZTL 6	B.51
1771810000	ZTD 6	B.50
1771810000	ZTD 6	B.51
1771820000	KSBR/2 ZTL6	B.50
1771820000	KSBR/2 ZTL6	B.51
1771820000	KSBR/2 ZTL6	B.51
1771830000	KSBR/3 ZTL6	B.51
1771830000	KSBR/3 ZTL6	B.51
1771840000	KSBR/4 ZTL6	B.51
1771840000	KSBR/4 ZTL6	B.51
1771860000	SSP ZTL6	B.50
1771860000	SSP ZTL6	B.51
1771870000	ZTW ZTL6	B.50
1771870000	ZTW ZTL6	B.51
1771870000	ZTW ZTL6	B.51
1771950000	ZTL 6/STB	B.51
1771960000	ZTD 6/STB	B.51
1772060000	ZDU 2.5-2	A.68
1772070000	ZDU 2.5-2 BL	A.68
1772090000	ZPE 2.5-2	A.98
1772940000	ZEI 16-2/1AN	A.71
1772950000	ZEI 16-2/1AN BL	A.71
1772960000	ZPE 16-2/1AN	A.101
1772970000	ZAP/Z...16-2/1AN	A.101
1772970000	ZAP/Z...16-2/1AN	A.71
1775480000	ZDU 1.5	A.58
1775490000	ZDU 1.5 BL	A.58
1775510000	ZPE 1.5	A.91
1775530000	ZDU 1.5/3AN	A.58
1775540000	ZDU 1.5/3AN BL	A.58
1775560000	ZPE 1.5/3AN	A.91
1775580000	ZDU 1.5/4AN	A.59
1775600000	ZDU 1.5/4AN BL	A.59
1775620000	ZPE 1.5/4AN	A.92
1776030000	ZAP/TW ZDU1.5/2AN	A.58
1776030000	ZAP/TW ZDU1.5/2AN	A.91
1776040000	ZAP/TW ZDU1.5/2AN BL	A.58
1776060000	ZAP/TW ZDU1.5/3AN	A.58
1776060000	ZAP/TW ZDU1.5/3AN	A.59
1776060000	ZAP/TW ZDU1.5/3AN	A.91
1776070000	ZAP/TW ZDU1.5/3AN BL	A.58
1776070000	ZAP/TW ZDU1.5/3AN BL	A.59
1776090000	ZAP/TW ZDU1.5/4AN	A.59
1776090000	ZAP/TW ZDU1.5/4AN	A.92
1776100000	ZAP/TW ZDU1.5/4AN BL	A.59
1776120000	ZQV 1.5/2	A.154
1776120000	ZQV 1.5/2	A.58
1776120000	ZQV 1.5/2	A.58
1776120000	ZQV 1.5/2	A.59
1776120000	ZQV 1.5/2	A.59
1776120000	ZQV 1.5/2	A.59
1776120000	ZQV 1.5/2	A.74
1776120000	ZQV 1.5/2	A.74
1776120000	ZQV 1.5/2	A.75
1776130000	ZQV 1.5/3	A.154
1776140000	ZQV 1.5/4	A.154
1776150000	ZQV 1.5/5	A.154
1776200000	ZQV 1.5/10	A.154
1776200000	ZQV 1.5/10	A.58
1776200000	ZQV 1.5/10	A.58
1776200000	ZQV 1.5/10	A.59
1776200000	ZQV 1.5/10	A.59
1776200000	ZQV 1.5/10	A.59
1776200000	ZQV 1.5/10	A.74
1776200000	ZQV 1.5/10	A.74
1776200000	ZQV 1.5/10	A.75
1776210000	ZTA 5	A.157
1776220000	ZTA 5/ZA	A.157
1778080000	ZDU 4/NT DB	B.130
1778270000	WS 12/3.5 MC NE WS	A.58
1778270000	WS 12/3.5 MC NE WS	A.58
1778270000	WS 12/3.5 MC NE WS	A.59
1778270000	WS 12/3.5 MC NE WS	A.59
1778270000	WS 12/3.5 MC NE WS	A.91
1778270000	WS 12/3.5 MC NE WS	A.91
1778270000	WS 12/3.5 MC NE WS	A.92
1779000000	ZDU 2.5-2/D-	A.148
1779010000	ZTR 2.5-2	A.121
1779100000	TSTW 5/M5 ZN	C.22
1779110000	ZDU 2.5-2/D+	A.148
1779120000	ZTR 2.5-2 BL	A.121

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1780870000	WF 10	A.268
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1780890000	WTW WF10/WF12	A.268
1780890000	WTW WF10/WF12	A.269
1780890000	WTW WF10/WF12	A.270
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1780890000	WTW WF10/WF12	A.271
1780890000	WTW WF10/WF12	A.277
1780900000	WTW WF8	A.267
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1780910000	WTW WF8 2300	A.267
1780910000	WTW WF8 2300	A.268
1780910000	WTW WF8 2300	A.270
1780910000	WTW WF8 2300	A.278
1780920000	WTW WF10/WF12 2300	A.268
1780920000	WTW WF10/WF12 2300	A.269
1780920000	WTW WF10/WF12 2300	A.269
1780920000	WTW WF10/WF12 2300	A.269
1780920000	WTW WF10/WF12 2300	A.271
1780920000	WTW WF10/WF12 2300	A.278
1780930000	ADP WF6/WF8	A.266
1780930000	ADP WF6/WF8	A.266
1780930000	ADP WF6/WF8	A.267
1780930000	ADP WF6/WF8	A.267
1780930000	ADP WF6/WF8	A.267
1780930000	ADP WF6/WF8	A.268
1780940000	ADP WF10/WF12	A.268
1780940000	ADP WF10/WF12	A.269
1780940000	ADP WF10/WF12	A.269
1780940000	ADP WF10/WF12	A.269
1780940000	ADP WF10/WF12	A.270
1780940000	ADP WF10/WF12	A.270
1780940000	ADP WF10/WF12	A.271
1780970000	WQL 2 WF6	A.277
1780980000	WQL 3 WF6	A.277
1780990000	WQL 2 WF8	A.277
1781000000	WQL 3 WF8	A.277
1781010000	WQL 2 WF10	A.277
1781020000	WQL 3 WF10	A.277
1781030000	WQL 2 WF12	A.277
1781040000	WQL 3 WF12	A.277
1781050000	HA ADP WF6/WF10	A.266
1781050000	HA ADP WF6/WF10	A.266
1781050000	HA ADP WF6/WF10	A.267
1781050000	HA ADP WF6/WF10	A.267
1781050000	HA ADP WF6/WF10	A.267
1781050000	HA ADP WF6/WF10	A.268
1781050000	HA ADP WF6/WF10	A.268
1781050000	HA ADP WF6/WF10	A.269
1781050000	HA ADP WF6/WF10	A.269
1781050000	HA ADP WF6/WF10	A.269
1781050000	HA ADP WF6/WF10	A.270
1781050000	HA ADP WF6/WF10	A.270
1781050000	HA ADP WF6/WF10	A.271
1781140000	BZT ZTL6	B.50
1781140000	BZT ZTL6	B.51
1781140000	BZT ZTL6	B.51
1781220000	WTW WF6	A.267
1781220000	WTW WF6	A.277
1781230000	WTW WF6 2300	A.266
1781230000	WTW WF6 2300	A.266
1781230000	WTW WF6 2300	A.267
1781230000	WTW WF6 2300	A.267
1781230000	WTW WF6 2300	A.270
1781230000	WTW WF6 2300	A.278
1781240000	WTW WF6-WF12	A.266
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1781240000	WTW WF6-WF12	A.277
1781940000	ZAD 7/4	A.58
1781940000	ZAD 7/4	A.58
1781940000	ZAD 7/4	A.59
1781940000	ZAD 7/4	A.59
1781940000	ZAD 7/4	A.74
1781940000	ZAD 7/4	A.74
1781940000	ZAD 7/4	A.75
1781950000	ZRH 1.5S/1	A.159
1782300000	ZDLD 2.5-2N	A.78
1782310000	ZDLD 2.5-2N BL	A.78
1782320000	ZDLD 2.5-2VN	A.78
1782330000	ZDLD 2.5-2VN BL	A.78
1782340000	ZAP/TW ZDLD2.5-2N	A.78
1782340000	ZAP/TW ZDLD2.5-2N	A.78
1782340000	ZAP/TW ZDLD2.5-2N	A.79
1782340000	ZAP/TW ZDLD2.5-2N	A.79
1782340000	ZAP/TW ZDLD2.5-2N	A.79
1782350000	ZAP/TW ZDLD2.5-2N BL	A.78
1782350000	ZAP/TW ZDLD2.5-2N BL	A.78
1782350000	ZAP/TW ZDLD2.5-2N BL	A.79
1782350000	ZAP/TW ZDLD2.5-2N BL	A.79
1782350000	ZAP/TW ZDLD2.5-2N BL	A.79
1783550000	AP DLI2.5 DB	B.68
1783550000	AP DLI2.5 DB	B.68
1783550000	AP DLI2.5 DB	B.69
1783550000	AP DLI2.5 DB	B.69
1783550000	AP DLI2.5 DB	B.69
1783550000	AP DLI2.5 DB	B.70
1783550000	AP DLI2.5 DB	B.70
1783550000	AP DLI2.5 DB	B.71
1783550000	AP DLI2.5 DB	B.71
1783560000	DLA 2.5 DB	B.70
1783590000	DLA 2.5/D DB	B.70
1783600000	DLA 2.5/LD-RT DB	B.71
1783790000	DLD 2.5/PE DB	B.68
1783820000	DLI 2.5 DB	B.69
1783940000	DLI 2.5/LD-GN/NPN -+ DB	B.69
1783950000	DLI 2.5/LD-RT/NPN -+ DB	B.69
1783970000	DLI 2.5/LD-GN/PNP +- DB	B.69
1783980000	DLI 2.5/LD-RT/PNP +- DB	B.69
1784120000	VLI 1.5 DB	A.191
1784130000	VLI 1.5/PE DB	A.191
1784150000	AP VLI1.5 DB	A.191
1784180000	DLD 2.5 DB	B.68
1784460000	WDU 1.5/ZQV/BLZ 5.08	A.240
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1791000000	ZDK 2.5-2 BL	A.82
1791010000	ZDK 2.5-2PE	A.105
1791030000	ZDK 2.5-2V	A.82
1791040000	ZDK 2.5-2V BL	A.82
1791050000	ZAP/TW ZDK2.5-2	A.105
1791050000	ZAP/TW ZDK2.5-2	A.82
1791050000	ZAP/TW ZDK2.5-2	A.82
1791060000	ZAP/TW ZDK2.5-2 BL	A.82
1791060000	ZAP/TW ZDK2.5-2 BL	A.82
1791100000	ZDK 1.5	A.74
1791110000	ZDK 1.5 BL	A.74
1791120000	ZDK 1.5DU-PE	A.75
1791130000	ZDK 1.5V	A.74
1791140000	ZDK 1.5V BL	A.74
1791150000	ZDK 1.5PE	A.104
1791160000	ZAP/TW ZDK1.5	A.104
1791160000	ZAP/TW ZDK1.5	A.74
1791160000	ZAP/TW ZDK1.5	A.74
1791160000	ZAP/TW ZDK1.5	A.75
1791170000	ZAP/TW ZDK1.5 BL	A.74
1791170000	ZAP/TW ZDK1.5 BL	A.74
1791170000	ZAP/TW ZDK1.5 BL	A.75
1791190000	ZEI 6	A.59
1792000000	WS 10/5 M MC NE WS	A.102
1792000000	WS 10/5 M MC NE WS	A.102
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1792000000	WS 10/5 M MC NE WS	A.19
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1792000000	WS 10/5 M MC NE WS	A.20
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1792000000	WS 10/5 M MC NE WS	A.72
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1792010000	WS 10/5 MC M SDR	A.124
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1806990000	ZDU 4-2/4AN BL	A.70
1807010000	ZAP ZDU4-2/4AN	A.100
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1808010000	ZDU 2.5 S	B.124
1808020000	ZDU 2.5 S BL	B.124
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1808170000	ZAP/TW ZDUA2.5-2N	A.57
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1808250000	ZAP ZDU 6 S	B.125
1808250000	ZAP ZDU 6 S	B.127
1808250000	ZAP ZDU 6 S	B.128
1808260000	ZAP ZDU 6 S BL	B.125
1808260000	ZAP ZDU 6 S BL	B.128
1808280000	ZHP S SO	B.124
1808280000	ZHP S SO	B.124
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1809240000	ST 4000/L C160	A.281
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1814660000	ZF 4 S BL	B.114
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1814710000	ZAP ZDU6-2 SW	A.112
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1815090000	ZT 2.5/3AN/1	A.124
1815100000	ZTPE 2.5/3AN/1	A.127
1815110000	ZT 2.5/4AN/2	A.125
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1815200000	ZP 2.5/1AN/QV/2	A.125
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1815200000	ZP 2.5/1AN/QV/2	A.130
1815200000	ZP 2.5/1AN/QV/2	A.131
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1815220000	ZP 2.5/1AN/QV/4	A.125
1815220000	ZP 2.5/1AN/QV/4	A.130
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1815230000	ZP 2.5/1AN/QV/5	A.131
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1815280000	ZP 2.5/1AN/QV/10	A.125
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1815330000	ZP 2.5/1AN/QV/15	A.137
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1815500000	ZP 2.5/1AN/4	A.125
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1815580000	ZP 2.5/1AN/12	A.136
1815590000	ZP 2.5/1AN/13	A.136
1815600000	ZP 2.5/1AN/14	A.136
1815610000	ZP 2.5/1AN/15	A.136
1815620000	ZP 2.5/1AN/16	A.136
1815730000	ZP 2.5/2AN/QV/1	A.137
1815740000	ZP 2.5/2AN/QV/2	A.137
1815750000	ZP 2.5/2AN/QV/3	A.137
1815760000	ZP 2.5/2AN/QV/4	A.137
1815770000	ZP 2.5/2AN/QV/5	A.137
1815780000	ZP 2.5/2AN/QV/6	A.137
1815790000	ZP 2.5/2AN/QV/7	A.137
1815800000	ZP 2.5/2AN/QV/8	A.137
1815810000	ZP 2.5/2AN/QV/9	A.137
1815820000	ZP 2.5/2AN/QV/10	A.137
1815830000	ZP 2.5/2AN/QV/11	A.137
1815840000	ZP 2.5/2AN/QV/12	A.137
1815870000	ZP 2.5/2AN/QV/15	A.137
1815880000	ZP 2.5/2AN/QV/16	A.137
1816030000	ZAP/TW ZT2.5/2AN	A.124
1816030000	ZAP/TW ZT2.5/2AN	A.127
1816040000	ZAP/TW ZT2.5/2AN OR	A.124
1816040000	ZAP/TW ZT2.5/2AN OR	A.127
1816050000	ZAP/TW ZT2.5/3AN	A.124
1816050000	ZAP/TW ZT2.5/3AN	A.127
1816070000	ZAP/TW ZT2.5/4AN/2	A.125
1816070000	ZAP/TW ZT2.5/4AN/2	A.128
1816080000	ZAP/TW ZT2.5/4AN/2 OR	A.125
1816080000	ZAP/TW ZT2.5/4AN/2 OR	A.128
1816090000	ZAP/TW ZT2.5/4AN/4	A.125
1816090000	ZAP/TW ZT2.5/4AN/4	A.128
1816110000	ZAP/TW ZDT2.5/2	A.130
1816110000	ZAP/TW ZDT2.5/2	A.130
1816110000	ZAP/TW ZDT2.5/2	A.131
1816110000	ZAP/TW ZDT2.5/2	A.131
1816110000	ZAP/TW ZDT2.5/2	A.132
1816130000	ZVR ZP2.5	A.124
1816130000	ZVR ZP2.5	A.124
1816130000	ZVR ZP2.5	A.125
1816130000	ZVR ZP2.5	A.125
1816130000	ZVR ZP2.5	A.127
1816130000	ZVR ZP2.5	A.127
1816130000	ZVR ZP2.5	A.128
1816130000	ZVR ZP2.5	A.128
1816130000	ZVR ZP2.5	A.130
1816130000	ZVR ZP2.5	A.130
1816130000	ZVR ZP2.5	A.131
1816130000	ZVR ZP2.5	A.131
1816130000	ZVR ZP2.5	A.132
1816130000	ZVR ZP2.5	A.140
1816130000	ZVR ZP2.5	A.142
1816130000	ZVR ZP2.5	A.234
1816130000	ZVR ZP2.5	A.234
1816130000	ZVR ZP2.5	A.235
1816130000	ZVR ZP2.5	A.235
1816130000	ZVR ZP2.5	A.235
1816140000	ZZE ZP2.5	A.124
1816140000	ZZE ZP2.5	A.124
1816140000	ZZE ZP2.5	A.125
1816140000	ZZE ZP2.5	A.125
1816140000	ZZE ZP2.5	A.127
1816140000	ZZE ZP2.5	A.127
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1816140000	ZZE ZP2.5	A.128
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1816140000	ZZE ZP2.5	A.130
1816140000	ZZE ZP2.5	A.131
1816140000	ZZE ZP2.5	A.131
1816140000	ZZE ZP2.5	A.132
1816140000	ZZE ZP2.5	A.140
1816140000	ZZE ZP2.5	A.142
1816140000	ZZE ZP2.5	A.234
1816140000	ZZE ZP2.5	A.234
1816140000	ZZE ZP2.5	A.235
1816140000	ZZE ZP2.5	A.235
1816140000	ZZE ZP2.5	A.235
1816150000	KOSF ZT2.5	A.124
1816150000	KOSF ZT2.5	A.124
1816150000	KOSF ZT2.5	A.125
1816150000	KOSF ZT2.5	A.125
1816150000	KOSF ZT2.5	A.127
1816150000	KOSF ZT2.5	A.127
1816150000	KOSF ZT2.5	A.128
1816150000	KOSF ZT2.5	A.128
1816150000	KOSF ZT2.5	A.130
1816150000	KOSF ZT2.5	A.130
1816150000	KOSF ZT2.5	A.131
1816150000	KOSF ZT2.5	A.131
1816150000	KOSF ZT2.5	A.132
1816150000	KOSF ZT2.5	A.140
1816150000	KOSF ZT2.5	A.234
1816150000	KOSF ZT2.5	A.234
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1820560000	WDU 95N/120N BL	B.7
1820570000	ZP 2.5/1AN/QV/1 GN	A.137
1820580000	ZP 2.5/1AN/1 GN	A.136
1820590000	ZP 2.5/2AN/QV/1 GN	A.137
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1826900000	WQV 95N/120N/3	A.181
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1826900000	WQV 95N/120N/3	B.7
1826910000	WQV 95N/120N/4	A.181
1826910000	WQV 95N/120N/4	A.257
1826910000	WQV 95N/120N/4	B.108
1826910000	WQV 95N/120N/4	B.7
1826970000	ZDU 1.5/2X2AN	A.59
1827080000	ZTA ZT2.5	A.156
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1828450000	WS 10/6 MC NE WS	A.126
1828450000	WS 10/6 MC NE WS	A.129
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1828450000	WS 10/6 MC NE WS	A.267
1828450000	WS 10/6 MC NE WS	A.268
1828450000	WS 10/6 MC NE WS	A.269
1828450000	WS 10/6 MC NE WS	A.62
1828450000	WS 10/6 MC NE WS	B.124
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1828450000	WS 10/6 MC NE WS	B.126
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1833100000	BEST	A.121
1833100000	BEST	A.121
1833100000	BEST	A.133
1833100000	BEST	A.224
1833100000	BEST	A.224
1833100000	BEST	A.225
1833100000	BEST	A.225
1833100000	BEST	A.226
1833100000	BEST	A.226
1833100000	BEST	A.227
1833100000	BEST	A.227
1833100000	BEST	A.232
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1833100000	BEST	A.48
1833100000	BEST	B.79
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1833100000	BEST	B.81
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1833600000	WDK 2.5/TR-DU/o TNHE	A.232
1833610000	WDK 2.5/TR-DU/o TNHE StB	A.232
1833640000	WDK 2.5/TR-DU-PE/o TNHE	A.233
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1834070000	WQV 50N/3	B.107
1834070000	WQV 50N/3	B.6
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1834080000	WQV 50N/4	B.6
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1835840000	KLBUE 3-8 SDSC	B.95
1837030000	PDL 4 S/L/L	B.121
1837040000	PDL 4 S/L/L/PE	B.120
1837050000	PDL 4 S/N/L/PE	B.118
1837060000	PDL 4 S/NT/L/PE	B.120
1837070000	PAP PDL4S	B.118
1837070000	PAP PDL4S	B.118
1837070000	PAP PDL4S	B.119
1837070000	PAP PDL4S	B.119
1837070000	PAP PDL4S	B.120
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1837070000	PAP PDL4S	B.121
1837080000	PHP PDL SO	B.118
1837080000	PHP PDL SO	B.118
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1837080000	PHP PDL SO	B.119
1837080000	PHP PDL SO	B.120
1837080000	PHP PDL SO	B.120
1837080000	PHP PDL SO	B.121
1837090000	PHP PDL	B.118
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1837090000	PHP PDL	B.119
1837090000	PHP PDL	B.120
1837090000	PHP PDL	B.120
1837090000	PHP PDL	B.121
1839850000	WAP WDK 2.5N/TR-DU	A.232
1839850000	WAP WDK 2.5N/TR-DU	A.232
1839850000	WAP WDK 2.5N/TR-DU	A.233
1839850000	WAP WDK 2.5N/TR-DU	A.233

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1846030000	WPE 95N/120N	B.10
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1847600000	ZTA ZT2.5/ZA	A.156
1847610000	PDL 4 S/L	B.118
1847620000	PDL 4 S/N	B.119
1847630000	PDL 4 S/N/L	B.119
1847740000	STB 36.8/IH/DB WTL6/1	A.55
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1847740000	STB 36.8/IH/DB WTL6/1	B.48
1847760000	STB 36.8/IH/GE WTL6/1	A.52
1847760000	STB 36.8/IH/GE WTL6/1	A.52
1847770000	STB 36.8/IH/GN WTL6/1	A.52
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1847790000	STB 36.8/IH/BL WTL6/1	A.52
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1848290000	TS 35X15/2.3 2M/AL/BK	C.19
1848330000	ZTPE 4/4AN/2	A.129
1848340000	ZP 4/1AN/1	A.126
1848340000	ZP 4/1AN/1	A.126
1848340000	ZP 4/1AN/1	A.137
1848350000	ZT 4/4AN/2	A.126
1848360000	ZAP/TW ZT4/4AN/2	A.126
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1848480000	FEKO ZRV2.5 1.5-2.5	A.135

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1852390000	SFX 10/23 MC NE WS V2	B.17
1852390000	SFX 10/23 MC NE WS V2	B.17
1854090000	WS 10/15 MC NE WS	A.153
1854490000	DEK 5/5 PLUS MC NE WS	A.12
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1854750000	FEKO ZRV2.5 0.2-0.35	A.135
1854760000	FEKO ZRV2.5 0.5-1	A.135
1854760000	FEKO ZRV2.5 0.5-1	A.135
1854960000	ZT 4/2AN/1	A.126
1854970000	ZTPE 4/2AN/1	A.129
1854980000	ZP 4/1AN/1 GN	A.137
1854990000	ZP 4/1AN/2	A.126
1854990000	ZP 4/1AN/2	A.126
1854990000	ZP 4/1AN/2	A.137
1855000000	ZP 4/1AN/3	A.126
1855000000	ZP 4/1AN/3	A.126
1855000000	ZP 4/1AN/3	A.137
1855010000	ZP 4/1AN/4	A.126
1855010000	ZP 4/1AN/4	A.126
1855010000	ZP 4/1AN/4	A.137
1855020000	ZP 4/1AN/5	A.126
1855020000	ZP 4/1AN/5	A.126
1855020000	ZP 4/1AN/5	A.137
1855030000	ZP 4/1AN/6	A.126
1855030000	ZP 4/1AN/6	A.126
1855030000	ZP 4/1AN/6	A.137

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1855050000	ZP 4/1AN/8	A.126
1855050000	ZP 4/1AN/8	A.137
1855060000	ZP 4/1AN/9	A.126
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1855060000	ZP 4/1AN/9	A.137
1855070000	ZP 4/1AN/10	A.126
1855070000	ZP 4/1AN/10	A.126
1855070000	ZP 4/1AN/10	A.137
1855080000	ZP 4/1AN/11	A.137
1855090000	ZP 4/1AN/12	A.137
1855100000	ZP 4/1AN/13	A.137
1855110000	ZP 4/1AN/14	A.137
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1855250000	ZVR ZP4	A.126
1855250000	ZVR ZP4	A.129
1855250000	ZVR ZP4	A.129
1855250000	ZVR ZP4	A.141
1855250000	ZVR ZP4	A.236
1855260000	ZZE ZP4	A.126
1855260000	ZZE ZP4	A.126
1855260000	ZZE ZP4	A.129
1855260000	ZZE ZP4	A.129
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1855260000	ZZE ZP4	A.236
1855610000	WTR 2.5	A.224
1855620000	WTR 2.5 STB2.3	A.224
1856740000	DEK 5/8 MC NE WS	A.100
1856860000	KOSF ZT4	A.126
1856860000	KOSF ZT4	A.126
1856860000	KOSF ZT4	A.129
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1859600000	Q WDU6-2.5 SET	A.259
1859620000	Q WDU10-2.5 SET	A.259

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1861040000	ZPS 2.5/1AN/QV/1	A.139
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1865410000	RAHE LN WDT1.5	A.230
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1865510000	ZTTR 2.5	A.133
1865520000	ZAP/TW ZTTR2.5	A.133
1865940000	ZPS 2.5/1AN/QV/6	A.142
1866070000	GHDE ZPS2.5/1AN	A.139
1866220000	ZZE ZP2.5/4	A.140
1866220000	ZZE ZP2.5/4	A.142
1866230000	ZZE ZP2.5/8	A.140
1866230000	ZZE ZP2.5/8	A.142
1866240000	ZVLA SC ZPS2.5	A.145
1866250000	ZVLA1 ZPS2.5	A.142
1866260000	ZVLA RC ZPS2.5	A.145
1866290000	TS 35X15/6X25 2M/ST/ZN	C.20
1866760000	Removal Tool AFK	A.135
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1867090000	ZP 2.5/1AN/2 GN/BE	A.136
1867100000	ZP 2.5/1AN/3 GN/BE	A.136
1867110000	ZP 2.5/1AN/4 GN/BE	A.136
1867120000	ZP 2.5/1AN/5 GN/BE	A.136
1867130000	ZP 2.5/1AN/6 GN/BE	A.136
1867140000	ZP 2.5/1AN/7 GN/BE	A.136
1867150000	ZP 2.5/1AN/8 GN/BE	A.136
1867160000	ZP 2.5/1AN/9 GN/BE	A.136
1867170000	ZP 2.5/1AN/10 GN/BE	A.136
1867180000	ZP 2.5/1AN/11 GN/BE	A.136
1867190000	ZP 2.5/1AN/12 GN/BE	A.136
1867200000	ZP 2.5/1AN/13 GN/BE	A.136
1867210000	ZP 2.5/1AN/14 GN/BE	A.136
1867220000	ZP 2.5/1AN/15 GN/BE	A.136
1867240000	ZP 2.5/1AN/17 GN/BE	A.136
1867420000	ZSI 2.5-2/2X2AN/G20/LD3	A.114
1867440000	ZSI 2.5-2/2X2AN/G20/LD1	A.114
1867500000	ZSI 6-2 2X2.5/G20/LD1	A.117
1868880000	SMSE WF10/2XM6	A.276

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1875200000	ZP 2.5/1AN ZA GN	A.138
1875210000	ZP 2.5/1AN ZA O.RA	A.138
1875220000	ZP 2.5/1AN ZA O.RA GN	A.138
1878560000	BEST/D	A.120
1878560000	BEST/D	A.120
1878560000	BEST/D	A.121
1878560000	BEST/D	A.121
1878560000	BEST/D	A.133
1878560000	BEST/D	A.224
1878560000	BEST/D	A.224
1878560000	BEST/D	A.225
1878560000	BEST/D	A.225
1878560000	BEST/D	A.226
1878560000	BEST/D	A.226
1878560000	BEST/D	A.227
1878560000	BEST/D	A.227
1878560000	BEST/D	A.232
1878560000	BEST/D	A.232
1878560000	BEST/D	A.233
1878560000	BEST/D	A.233
1878560000	BEST/D	A.46
1878560000	BEST/D	A.46
1878560000	BEST/D	A.47
1878560000	BEST/D	A.47
1878560000	BEST/D	A.47
1878560000	BEST/D	A.48
1878560000	BEST/D	B.78
1878560000	BEST/D	B.79
1878560000	BEST/D	B.80
1878560000	BEST/D	B.80
1878560000	BEST/D	B.81
1878560000	BEST/D	B.82
1878560000	BEST/D	B.83
1878560000	BEST/D	B.83
1878570000	BEST/DRBR	A.120
1878570000	BEST/DRBR	A.120
1878570000	BEST/DRBR	A.121
1878570000	BEST/DRBR	A.121
1878570000	BEST/DRBR	A.133
1878570000	BEST/DRBR	A.224
1878570000	BEST/DRBR	A.224
1878570000	BEST/DRBR	A.225
1878570000	BEST/DRBR	A.225
1878570000	BEST/DRBR	A.226
1878570000	BEST/DRBR	A.226
1878570000	BEST/DRBR	A.227
1878570000	BEST/DRBR	A.227
1878570000	BEST/DRBR	A.232
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1878570000	BEST/DRBR	A.233
1878570000	BEST/DRBR	A.233
1878570000	BEST/DRBR	A.46
1878570000	BEST/DRBR	A.46
1878570000	BEST/DRBR	A.47
1878570000	BEST/DRBR	A.47
1878570000	BEST/DRBR	A.47
1878570000	BEST/DRBR	A.48
1878570000	BEST/DRBR	B.78
1878570000	BEST/DRBR	B.79
1878570000	BEST/DRBR	B.80
1878570000	BEST/DRBR	B.80
1878570000	BEST/DRBR	B.81
1878570000	BEST/DRBR	B.82
1878570000	BEST/DRBR	B.83
1878570000	BEST/DRBR	B.83
1878600000	ZVLA DF ZPS2.5	A.144
1878620000	ZVR ZPS2.5	A.140
1878620000	ZVR ZPS2.5	A.142
1878660000	WTA 4N WDK 2.5	A.261
1879350000	WTA 4N/ZA WDK 2.5	A.261
1879730000	ZSI 2.5-2/2X2AN/G20/LD4	A.114
1879750000	ZSI 6-2 2X2.5/G20/LD4	A.117

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1880100000	ESG 6/15 K MC NE WS	A.212
1880100000	ESG 6/15 K MC NE WS	A.212
1880390000	WSI 4/2/LD 140-250V AC/DC	A.205
1880410000	WSI 4/2/LD 10-36V AC/DC	A.205
1880420000	WSI 4/2/LD 60-150V AC/DC	A.205
1880430000	WSI 4/2	A.205
1880440000	WSI 4/2/LD 30-70V AC/DC	A.205
1880450000	WAP WSI4/2	A.205
1881640000	WAP WTL4/2	B.56
1881650000	WTL 4/2 STB	B.56
1882590000	PDL 4/L/L	B.117
1882600000	PDL 4/NT/L	B.117
1882610000	PDL 4/L/L/PE	B.116
1882620000	PDL 4/NT/L/PE	B.117
1883210000	PAP PDL4	B.116
1883210000	PAP PDL4	B.116
1883210000	PAP PDL4	B.117
1883210000	PAP PDL4	B.117
1883210000	PAP PDL4	B.117

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1886550000	WSI 4/LD 140-250V AC/DC	A.204
1886560000	WSI 4/LD 30-70V AC/DC	A.204
1886570000	WSI 4/LD 60-150V AC/DC	A.204
1886580000	WSI 4	A.204
1886590000	WSI 4/LD 10-36V AC/DC	A.204
1887210000	WTL 6/4 FF	B.60
1887220000	WTD 6/4 FF	B.60
1887240000	WAP WTL6/4FF	B.60
1887240000	WAP WTL6/4FF	B.60

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1893940000	FEKO ET ZRV2.5 0.2-0.35	A.135
1893940000	FEKO ET ZRV2.5 0.2-0.35	A.135
1893970000	FEKO ET ZRV2.5 0.5-1	A.135
1893970000	FEKO ET ZRV2.5 0.5-1	A.135
1893990000	FEKO ET ZRV2.5 1.5-2.5	A.135
1893990000	FEKO ET ZRV2.5 1.5-2.5	A.135
1895700000	ZDKPE 2.5-2/N/L/PE	A.84
1896100000	PHP PNT 6/10	B.114
1896110000	PDU 2.5/4	A.30
1896120000	PDU 2.5/4/3AN	A.30
1896130000	PDU 2.5/4/4AN	A.31
1896140000	PDU 6/10	A.31
1896150000	PDU 6/10/3AN	A.32
1896160000	PPE 2.5/4/4AN	A.39
1896170000	PPE 2.5/4	A.38
1896180000	PPE 6/10	A.39
1896190000	PPE 6/10/3AN	A.40
1896200000	PPE 2.5/4/3AN	A.38
1896210000	PPE 16	A.41
1896220000	PDU 16 BL	A.33
1896230000	PDU 2.5/4 BL	A.30
1896240000	PDU 2.5/4/3AN BL	A.30
1896250000	PDU 2.5/4/4AN BL	A.31
1896270000	PDU 6/10 BL	A.31
1896280000	PDU 6/10/3AN BL	A.32
1896290000	PAP 16	A.33
1896290000	PAP 16	A.41
1896300000	PAP 2.5/4	A.30
1896300000	PAP 2.5/4	A.38
1896320000	PAP 2.5/4/4AN	A.31
1896320000	PAP 2.5/4/4AN	A.31
1896320000	PAP 2.5/4/4AN	A.39
1896330000	PAP PDU6/10	A.31
1896330000	PAP PDU6/10	A.39
1896340000	PAP PDU6/10/3AN	A.32
1896340000	PAP PDU6/10/3AN	A.40
1896350000	PNT 16	B.115
1896360000	PNT 2.5/4	B.114
1896370000	PNT 6/10	B.114
1896380000	PHP PNT16	B.115
1896390000	PHP PNT 2.5/4	B.114
1896400000	PDU 16	A.33
1896480000	PAP 2.5/4/3AN	A.30
1896480000	PAP 2.5/4/3AN	A.38
1897000000	DS 13.5 WTL6/4FF	B.60
1897000000	DS 13.5 WTL6/4FF	B.60
1897010000	QL 2 WTL6/4FF	B.60
1897010000	QL 2 WTL6/4FF	B.60
1897020000	QL 3 WTL6/4FF	B.60
1897020000	QL 3 WTL6/4FF	B.60
1897030000	QL 4 WTL6/4FF	B.60
1897030000	QL 4 WTL6/4FF	B.60
1897090000	QL 10 WTL 6/4 FF	B.60
1897090000	QL 10 WTL 6/4 FF	B.60
1897110000	Q 2 WTL6/4FF	B.60
1897110000	Q 2 WTL6/4FF	B.60
1897130000	Q 4 WTL 6/4FF	B.60
1897190000	Q 10 WTL 6/4FF	B.60
1897190000	Q 10 WTL 6/4FF	B.60
1898420000	STGH O.R/SW ZRV2.5	A.135
1898420000	STGH O.R/SW ZRV2.5	A.135
1898430000	STGH O.ZA/O.R/SW ZRV2.5	A.135
1898430000	STGH O.ZA/O.R/SW ZRV2.5	A.135
1899170000	MOFU 15/35 ZPS2.5	A.145
1899180000	PDL 4/N/L/PE	B.116

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1904960000	WQL 4 WF8-6/3	A.276
1905060000	WDU 4/ZZ	A.169
1905070000	WAP WDU/WTR4/ZR	A.170
1905070000	WAP WDU/WTR4/ZR	A.195
1905070000	WAP WDU/WTR4/ZR	A.227
1905070000	WAP WDU/WTR4/ZR	A.227
1905080000	WTR 4/ZR	A.227
1905090000	WTR 4/ZZ	A.226
1905100000	WTR 4/ZZ STB	A.226
1905110000	WTR 4/ZR STB	A.227
1905120000	WPE 4/ZR	A.195
1905130000	WPE 4/ZZ	A.195
1905140000	WDU 4/ZR	A.170
1905150000	WAP WDU/WTR4/ZZ	A.169
1905150000	WAP WDU/WTR4/ZZ	A.195
1905150000	WAP WDU/WTR4/ZZ	A.226
1905150000	WAP WDU/WTR4/ZZ	A.226
1905170000	ZDK 4-2/N/L	A.86

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1905310000	ZDK 2.5-2/LD 24VUC	A.153
1905470000	ZTTR 2.5 O.TNHE	A.133
1905950000	WS 10/8 PLUS MC NE WS	A.10
1905950000	WS 10/8 PLUS MC NE WS	A.10
1905950000	WS 10/8 PLUS MC NE WS	A.17
1905950000	WS 10/8 PLUS MC NE WS	A.17
1905950000	WS 10/8 PLUS MC NE WS	A.31
1905950000	WS 10/8 PLUS MC NE WS	A.32
1905950000	WS 10/8 PLUS MC NE WS	A.32
1905950000	WS 10/8 PLUS MC NE WS	A.39
1905950000	WS 10/8 PLUS MC NE WS	A.40
1905950000	WS 10/8 PLUS MC NE WS	A.44
1905950000	WS 10/8 PLUS MC NE WS	B.114
1905970000	WS 10/12 MC NE WS	A.177
1905970000	WS 10/12 MC NE WS	A.41
1905970000	WS 10/12 MC NE WS	B.106
1905970000	WS 10/12 MC NE WS	B.113
1905970000	WS 10/12 MC NE WS	B.115
1906000000	WS 12/8 PLUS MC NE WS	A.172
1906000000	WS 12/8 PLUS MC NE WS	A.33
1906000000	WS 12/8 PLUS MC NE WS	A.33
1906000000	WS 12/8 PLUS MC NE WS	B.112
1906000000	WS 12/8 PLUS MC NE WS	B.57
1906000000	WS 12/8 PLUS MC NE WS	B.57
1906000000	WS 12/8 PLUS MC NE WS	B.57
1906000000	WS 12/8 PLUS MC NE WS	B.58
1906000000	WS 12/8 PLUS MC NE WS	B.59
1906000000	WS 12/8 PLUS MC NE WS	B.59
1906210000	ZQV 6N/2	A.50
1906220000	ZQV 6N/3	A.50
1906220000	ZQV 6N/3	B.114
1906230000	ZQV 6N/4	A.50
1906230000	ZQV 6N/4	B.114
1906240000	ZQV 6N/20	A.50
1906960000	ZRV 2.5/1	A.135
1906970000	ZRV 2.5/2	A.135
1906980000	AP ZRV2.5	A.135
1906980000	AP ZRV2.5	A.135
1907000000	STGH ZRV2.5	A.135
1907000000	STGH ZRV2.5	A.135
1907010000	STGH O.ZA ZRV2.5	A.135
1907010000	STGH O.ZA ZRV2.5	A.135
1907520000	DEK 5/5 PLUS MC NE GE	A.104
1908550000	BA ZPS2.5	A.145
1908560000	BA RC ZPS2.5	A.145
1908960000	ZQV 2.5/20	A.154
1908960000	ZQV 2.5/20	A.50
1908960000	ZQV 2.5/20	B.114
1908960000	ZQV 2.5/20	B.124
1908990000	ZQV 6/24 GE	A.155
1909000000	ZQV 2.5N/20 GE	A.254
1909010000	ZQV 4/20 GE	A.154
1909020000	ZQV 4N/20 GE	A.254
1909100000	ZQV 4N/20 BL	A.254
1909120000	ZQV 4N/20 SW	A.254
1909110000	ZQV 2.5N/20 RT	A.254
1909130000	ZQV 2.5N/20 SW	A.254
1909140000	ZQV 2.5N/20 BL	A.254
1909150000	ZQV 4N/20 RT	A.254

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1915450000	WTA 8 TN	A.261
1915450000	WTA 8 TN	B.56
1915480000	WTA 8 KO-TN	A.261
1916150000	PAD 2.5/4/4	A.30
1916150000	PAD 2.5/4/4	A.30
1916150000	PAD 2.5/4/4	A.31
1916150000	PAD 2.5/4/4	A.31
1916150000	PAD 2.5/4/4	A.34
1916150000	PAD 2.5/4/4	A.34
1916150000	PAD 2.5/4/4	A.35
1916150000	PAD 2.5/4/4	A.35
1916150000	PAD 2.5/4/4	A.35
1916150000	PAD 2.5/4/4	A.38
1916150000	PAD 2.5/4/4	A.38
1916150000	PAD 2.5/4/4	A.39
1916150000	PAD 2.5/4/4	A.42
1916150000	PAD 2.5/4/4	A.51
1916160000	PAD 6/10/4	A.31
1916160000	PAD 6/10/4	A.32
1916160000	PAD 6/10/4	A.32
1916160000	PAD 6/10/4	A.39
1916160000	PAD 6/10/4	A.40
1916160000	PAD 6/10/4	A.51
1916170000	PAD 16/4	A.33
1916170000	PAD 16/4	A.33
1916170000	PAD 16/4	A.41
1916170000	PAD 16/4	A.51
1916170000	PAD 16/4	B.112
1916170000	PAD 16/4	B.113
1916180000	PTA PDU2.5/4	A.51
1916190000	PTA ZA PDU2.5/4	A.51
1916400000	PRH 2.5/4/2	A.30
1916400000	PRH 2.5/4/2	A.30
1916400000	PRH 2.5/4/2	A.31
1916400000	PRH 2.5/4/2	A.31
1916400000	PRH 2.5/4/2	A.34
1916400000	PRH 2.5/4/2	A.34
1916400000	PRH 2.5/4/2	A.35
1916400000	PRH 2.5/4/2	A.35
1916400000	PRH 2.5/4/2	A.35
1916400000	PRH 2.5/4/2	A.38
1916400000	PRH 2.5/4/2	A.38
1916400000	PRH 2.5/4/2	A.39
1916400000	PRH 2.5/4/2	A.42
1916400000	PRH 2.5/4/2	A.51
1916410000	PRH 2.5/4/1	A.30
1916410000	PRH 2.5/4/1	A.30
1916410000	PRH 2.5/4/1	A.31
1916410000	PRH 2.5/4/1	A.31
1916410000	PRH 2.5/4/1	A.34
1916410000	PRH 2.5/4/1	A.34
1916410000	PRH 2.5/4/1	A.35
1916410000	PRH 2.5/4/1	A.35
1916410000	PRH 2.5/4/1	A.35
1916410000	PRH 2.5/4/1	A.38
1916410000	PRH 2.5/4/1	A.38
1916410000	PRH 2.5/4/1	A.39
1916410000	PRH 2.5/4/1	A.42
1916410000	PRH 2.5/4/1	A.51
1916790000	PHP PNT 2.5/4 SO	B.114
1918680000	PDK 2.5/4V BL	A.34
1918710000	PDK 2.5/4 PE	A.42
1918720000	PDK 2.5/4L-PE	A.35
1918730000	PDK 2.5/4V	A.34
1918740000	PDK 2.5/4N-L	A.35
1918750000	PDK 2.5/4N-PE	A.35
1918760000	PDK 2.5/4 BL	A.34
1918770000	PDK 2.5/4	A.34
1918780000	PEI 16	A.33
1918790000	PEI 16 BL	A.33
1919690000	PHP PNT16 SO	B.115
1919710000	PHP PNT 6/10 SO	B.114
1919720000	PAP PDK 2.5/4	A.34
1919720000	PAP PDK 2.5/4	A.34
1919720000	PAP PDK 2.5/4	A.35
1919720000	PAP PDK 2.5/4	A.35
1919720000	PAP PDK 2.5/4	A.35
1919720000	PAP PDK 2.5/4	A.42

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1924450000	ZDK 2.5/3AN D2	A.153
1924460000	ZDK 2.5/3AN DU-PE	A.89
1924470000	ZDK 2.5/3AN PE	A.106
1924480000	ZDK 2.5/3AN V BL	A.88
1924490000	ZDK 2.5/3AN V	A.88
1924500000	ZDK 2.5/3AN BL	A.88
1924510000	ZDK 2.5/3AN	A.88
1924910000	ZAP/TW ZDK 2.5/3AN	A.106
1924910000	ZAP/TW ZDK 2.5/3AN	A.153
1924910000	ZAP/TW ZDK 2.5/3AN	A.88
1924910000	ZAP/TW ZDK 2.5/3AN	A.88
1924910000	ZAP/TW ZDK 2.5/3AN	A.89

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1933700000	ZDU 2.5N	A.72
1933710000	ZDU 2.5N BL	A.72
1933720000	ZDU 2.5N/3AN	A.72
1933730000	ZDU 2.5N/3AN BL	A.72
1933740000	ZDU 2.5N/4AN	A.73
1933750000	ZDU 2.5N/4AN BL	A.73
1933760000	ZPE 2.5N	A.102
1933770000	ZPE 2.5N/3AN	A.102
1933780000	ZPE 2.5N/4AN	A.103
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.102
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.72
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	A.102
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	A.72
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.103
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.73
1933890000	PTR 2.5/4/4AN O.TNHE	A.48
1933910000	PTR 2.5/4 O.TNHE	A.46
1933930000	PTR 2.5/4/3AN BL	A.47
1933940000	PTR 2.5/4/4AN	A.47
1933950000	PTR 2.5/4	A.46
1933970000	PTR 2.5/4 BL	A.46
1933980000	PTR 2.5/4/3AN	A.47
1933990000	PTR 2.5/4/3AN O.TNHE	A.47
1934000000	PTR 2.5/4/4AN BL	A.47
1934160000	ZAD 9/4	A.104
1934160000	ZAD 9/4	A.72
1934160000	ZAD 9/4	A.72
1934160000	ZAD 9/4	A.73
1934160000	ZAD 9/4	A.88
1934160000	ZAD 9/4	A.88
1934160000	ZAD 9/4	A.89
1934680000	PAP PTR2.5/4	A.46
1934680000	PAP PTR2.5/4	A.46
1934690000	PAP PTR2.5/4/3AN	A.47
1934690000	PAP PTR2.5/4/3AN	A.47
1934700000	PAP PTR2.5/4/4AN	A.47
1934700000	PAP PTR2.5/4/4AN	A.48
1934790000	WTQ 6/1 EN	B.57
1934800000	WTQ 6/1 EN STB	B.57
1934810000	WTL 6/1 EN	A.52
1934810000	WTL 6/1 EN	B.57
1934820000	WTL 6/1 EN STB	B.57
1934830000	WTD 6/1 EN	A.52
1934830000	WTD 6/1 EN	A.52
1934830000	WTD 6/1 EN	B.57
1936140000	WKS 2/2	A.52
1936140000	WKS 2/2	A.52
1936150000	WKS 2/3	A.55
1936150000	WKS 2/3	B.57
1936150000	WKS 2/3	B.57
1936150000	WKS 2/3	B.57
1936150000	WKS 2/3	B.58
1936160000	WKS 2/4	B.57
1936160000	WKS 2/4	B.57
1936160000	WKS 2/4	B.57
1936160000	WKS 2/4	B.58
1936240000	STB 21.6/45 GE	A.52
1936240000	STB 21.6/45 GE	A.52
1936240000	STB 21.6/45 GE	A.55
1936240000	STB 21.6/45 GE	B.48
1936240000	STB 21.6/45 GE	B.48
1936240000	STB 21.6/45 GE	B.57
1936240000	STB 21.6/45 GE	B.57
1936240000	STB 21.6/45 GE	B.57
1936240000	STB 21.6/45 GE	B.58
1936250000	STB 21.6/45 GN	A.52
1936250000	STB 21.6/45 GN	A.52
1936250000	STB 21.6/45 GN	A.55
1936250000	STB 21.6/45 GN	B.48
1936250000	STB 21.6/45 GN	B.48
1936250000	STB 21.6/45 GN	B.57
1936250000	STB 21.6/45 GN	B.57
1936250000	STB 21.6/45 GN	B.57
1936250000	STB 21.6/45 GN	B.58
1936260000	STB 21.6/45 VI	A.52
1936260000	STB 21.6/45 VI	A.52
1936260000	STB 21.6/45 VI	A.55
1936260000	STB 21.6/45 VI	B.48
1936260000	STB 21.6/45 VI	B.48
1936270000	STB 21.6/45 SW	A.52
1936270000	STB 21.6/45 SW	A.52
1936270000	STB 21.6/45 SW	A.55
1936280000	STB 21.6/45 GR	A.55
1936290000	STB 21.6/45 BL	A.55
1936290000	STB 21.6/45 BL	B.48
1936290000	STB 21.6/45 BL	B.48
1936290000	STB 21.6/45 BL	B.57
1936290000	STB 21.6/45 BL	B.57
1936290000	STB 21.6/45 BL	B.57
1936290000	STB 21.6/45 BL	B.58
1936300000	STB 21.6/45 RT	A.55
1938790000	STB 21.6/45 DB	A.55
1938820000	WTL 6/1/STB/TNSC/EN	B.58

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1943600000	BLZP 5.08HC/04/180 SN OR BX	A.240
1943620000	BLZP 5.08HC/06/180 SN OR BX	A.240
1943640000	BLZP 5.08HC/08/180 SN OR BX	A.240
1944110000	BLZP 5.08HC/04/180F SN OR BX	A.240
1944130000	BLZP 5.08HC/06/180F SN OR BX	A.240
1944150000	BLZP 5.08HC/08/180F SN OR BX	A.240
1948000000	BLZP 5.08HC/02/90 SN OR BX	B.84
1948020000	BLZP 5.08HC/04/90 SN OR BX	B.84
1948060000	BLZP 5.08HC/08/90 SN OR BX	B.84
1948110000	BLZP 5.08HC/12/90 SN OR BX	B.84
1948150000	BLZP 5.08HC/16/90 SN OR BX	B.84
1948240000	BLZP 5.08HC/02/90 SN BK BX	B.84
1948260000	BLZP 5.08HC/04/90 SN BK BX	B.84
1948300000	BLZP 5.08HC/08/90 SN BK BX	B.84
1948340000	BLZP 5.08HC/12/90 SN BK BX	B.84
1948380000	BLZP 5.08HC/16/90 SN BK BX	B.84
1949800000	BLZP 5.08HC/02/90F SN OR BX	B.85
1949820000	BLZP 5.08HC/04/90F SN OR BX	B.85
1949860000	BLZP 5.08HC/08/90F SN OR BX	B.85
1949900000	BLZP 5.08HC/12/90F SN OR BX	B.85
1949940000	BLZP 5.08HC/16/90F SN OR BX	B.85

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1950040000	BLZP 5.08HC/02/90F SN BK BX	B.85
1950060000	BLZP 5.08HC/04/90F SN BK BX	B.85
1950100000	BLZP 5.08HC/08/90F SN BK BX	B.85
1950140000	BLZP 5.08HC/12/90F SN BK BX	B.85
1950180000	BLZP 5.08HC/16/90F SN BK BX	B.85
1951880000	WS 8/6 PLUS MC NE WS	A.187
1951880000	WS 8/6 PLUS MC NE WS	A.188
1951880000	WS 8/6 PLUS MC NE WS	A.203
1957710000	WAP WTL6/1 EN	A.52
1957710000	WAP WTL6/1 EN	A.52

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1962120000	HSS 1/2 4.8-11.4/50Y	B.18
1962120000	HSS 1/2 4.8-11.4/50Y	B.18
1962120000	HSS 1/2 4.8-11.4/50Y	B.19
1964830000	WZAD 70N	A.181
1964830000	WZAD 70N	B.108
1964830000	WZAD 70N	B.7
1966020000	WSI 25/1 10x38	A.212
1966030000	WSI 25/3 CC	A.212
1966040000	WSI 25/2 CC	A.212
1966050000	WSI 25/1 CC	A.212
1966060000	WSI 25/1 10x38/LED	A.212
1966070000	WSI 25/1 CC/LED	A.212
1966080000	WSI 25/3 10x38	A.212
1966090000	WSI 25/2 10x38	A.212
1968940000	WF 12 NFF	A.269
1968950000	WF 10 NFF	A.269
1968960000	WF 8 NFF	A.268
1968990000	WF 5 NFF	A.266
1969000000	WF 6 NFF	A.267

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1972980000	ZP 2.5/1AN ZA O.RA BL	A.138

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1985410000	ZQV 1.5N/2	A.11
1985410000	ZQV 1.5N/2	A.184
1985410000	ZQV 1.5N/2	A.26
1985410000	ZQV 1.5N/2	A.6
1985410000	ZQV 1.5N/2	A.6
1985480000	ZQV 1.5N/3	A.26
1985490000	ZQV 1.5N/4	A.26
1985500000	ZQV 1.5N/5	A.26
1985510000	ZQV 1.5N/6	A.26
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2007170000	WS 8/8 MM WS	A.172
2007170000	WS 8/8 MM WS	A.173
2007170000	WS 8/8 MM WS	A.173
2007170000	WS 8/8 MM WS	A.206
2007170000	WS 8/8 MM WS	A.207
2007170000	WS 8/8 MM WS	A.210
2007170000	WS 8/8 MM WS	A.31
2007170000	WS 8/8 MM WS	A.32
2007170000	WS 8/8 MM WS	A.32
2007170000	WS 8/8 MM WS	A.39
2007170000	WS 8/8 MM WS	A.40
2007170000	WS 8/8 MM WS	A.63
2007170000	WS 8/8 MM WS	A.63
2007170000	WS 8/8 MM WS	A.71
2007170000	WS 8/8 MM WS	A.71
2007170000	WS 8/8 MM WS	A.95
2007170000	WS 8/8 MM WS	A.95

2010000000

2012420000	STB 14/D6/4/M3 SAK10	B.48
2012420000	STB 14/D6/4/M3 SAK10	B.48
2012420000	STB 14/D6/4/M3 SAK10	B.57
2012420000	STB 14/D6/4/M3 SAK10	B.57
2012420000	STB 14/D6/4/M3 SAK10	B.57
2012420000	STB 14/D6/4/M3 SAK10	B.58

2040000000

2041180000	ATPG 2.5/5	A.27
2041190000	ATPG 2.5/3	A.27

2050000000

2051180000	A2C 4	A.8
2051210000	A2C 4 BL	A.8
2051360000	A2C 4 PE	A.16
2051500000	A4C 4	A.9
2051520000	A4C 4 BL	A.9
2051560000	A4C 4 PE	A.16
2051680000	AEP 2C 4	A.16
2051680000	AEP 2C 4	A.8
2051690000	AEP 2C 4 BL	A.8
2051900000	AEP 4C 4	A.16
2051900000	AEP 4C 4	A.9
2051910000	AEP 4C 4 BL	A.9

2060000000

2065120000	ALO 6 BL	A.11

2080000000

2080360000	AMG ELM-6	B.40
2080410000	AMG ELM-12	B.41
2080420000	AMG ELM-1F	B.38
2080480000	AMG ELM-2F	B.38
2080490000	AMG ELM-4F	B.38
2080500000	AMG ELM-6F	B.38
2080600000	AMG ELM-8F	B.39
2080650000	AMG ELM-10F	B.39
2081870000	AMG FIM-0	B.36
2081880000	AMG FIM-C	B.37
2081890000	AMG AM	B.42
2081900000	AMG CM	B.43

2100000000

2108470000	ZQV 2.5N/2 RD	B.32
2108470000	ZQV 2.5N/2 RD	B.33
2108470000	ZQV 2.5N/2 RD	B.34
2108470000	ZQV 2.5N/2 RD	B.34
2108470000	ZQV 2.5N/2 RD	B.35
2108910000	ZQV 2.5N/10 RD	B.32
2108910000	ZQV 2.5N/10 RD	B.33
2108910000	ZQV 2.5N/10 RD	B.34
2108910000	ZQV 2.5N/10 RD	B.34
2108910000	ZQV 2.5N/10 RD	B.35

2120000000

2122910000	AMG OD	B.38
2122910000	AMG OD	B.39
2122910000	AMG OD	B.40
2122910000	AMG OD	B.41
2122910000	AMG OD	B.44
2122920000	AMG PD	B.38
2122920000	AMG PD	B.39
2122920000	AMG PD	B.40
2122920000	AMG PD	B.41
2122920000	AMG PD	B.44
2122930000	AMG MD	B.38
2122930000	AMG MD	B.39
2122930000	AMG MD	B.40
2122930000	AMG MD	B.41
2122930000	AMG MD	B.44
2122940000	AMG XMD	B.38
2122940000	AMG XMD	B.39
2122940000	AMG XMD	B.40
2122940000	AMG XMD	B.41
2122940000	AMG XMD	B.44
2123050000	AMG DIS	B.38
2123050000	AMG DIS	B.39
2123050000	AMG DIS	B.40
2123050000	AMG DIS	B.41
2123050000	AMG DIS	B.44

2260000000

2269800000	KLBUE 4-6 Z/1	B.98

2310000000

2318670000	ZE ZRV2.5	A.135
2318670000	ZE ZRV2.5	A.135

2420000000

2429520000	WDU 2.5 GE/SW	B.105

2430000000

2436360000	WTR 4/ZZ STB/0.TNHE	A.226
2436380000	WTR 4/0.TNHE	A.225
2436390000	WTR 4 STB/0.TNHE	A.225
2436400000	WTR 4/ZR/0.TNHE	A.227
2436410000	WTR 4/ZR STB/0.TNHE	A.227
2436420000	WTR 4/ZZ/0.TNHE	A.226

2440000000

2448860000	DEK-A 5/8 MM WS	A.10
2448930000	WS-A 8/8 MM WS	A.10
2448930000	WS-A 8/8 MM WS	A.10
2448930000	WS-A 8/8 MM WS	A.17
2448930000	WS-A 8/8 MM WS	A.17
2448930000	WS-A 8/8 MM WS	B.28
2448930000	WS-A 8/8 MM WS	B.28
2448930000	WS-A 8/8 MM WS	B.30
2448930000	WS-A 8/8 MM WS	B.30

2450000000

2457570000	APGLE 2.5	A.25
2457580000	APGSR 2.5	A.25
2457590000	APGSR 2.5/4	A.25
2457600000	APGSR 2.5/8	A.25

2460000000

2460450000	ZQV 4N/2 RD	B.36
2460450000	ZQV 4N/2 RD	B.37
2460450000	ZQV 4N/2 RD	B.42
2460450000	ZQV 4N/2 RD	B.43
2460450000	ZQV 4N/2 RD	B.44
2460730000	ZQV 4N/50 RD	B.36
2460730000	ZQV 4N/50 RD	B.37
2460730000	ZQV 4N/50 RD	B.42
2460730000	ZQV 4N/50 RD	B.43
2460730000	ZQV 4N/50 RD	B.44

3890000000

3896100000	SP M6 15 MSZN	B.94
3896200000	SP M6 20 MSZN	B.94
3896300000	SP M6 30 MSZN	B.94

7900000000

7904100000	ZAP/TW 4/3AN	A.62
7904100000	ZAP/TW 4/3AN	A.94
7904110000	ZAP/TW 4/3AN BL	A.62
7904170000	ZPE 4/3AN	A.94
7904180000	ZDU 4/3AN	A.62
7904190000	ZDU 4/3AN BL	A.62
7904210000	ZAP/TW4/4AN	A.63
7904210000	ZAP/TW4/4AN	A.94
7904220000	ZAP/TW4/4AN BL	A.63
7904280000	ZPE 4/4AN	A.94
7904290000	ZDU 4/4AN	A.63
7904300000	ZDU 4/4AN BL	A.63
7906040000	BK 2/E	A.252
7906060000	BK 3/E	A.252
7906080000	BK 4/E	A.252
7906090000	BK 6/E	A.252
7906100000	BK 12/E	A.252
7906110000	MK 3/2/E	A.252
7906120000	MK 3/3/E	A.252
7906130000	MK 3/4/E	A.252
7906150000	MK 3/6/E	A.252
7906170000	MK 3/8/E	A.252
7906210000	MK 3/12/E	A.252
7906220000	MK 6/2/E	A.253
7906230000	MK 6/3/E	A.253
7906240000	MK 6/4/E	A.253
7906250000	MK 6/5/E	A.253
7906260000	MK 6/6/E	A.253
7907370000	ZAP/TW6/3AN	A.63
7907370000	ZAP/TW6/3AN	A.95
7907380000	ZAP/TW6/3AN BL	A.63
7907400000	ZPE 6/3AN	A.95
7907410000	ZDU 6/3AN	A.63
7907420000	ZDU 6/3AN BL	A.63

7910000000

7910180000	WTR 4	A.225
7910190000	WTR 4 BL	A.225
7910210000	WTR 4 STB	A.225
7910220000	WTR 4 STB BL	A.225
7910240000	WTR 4 SI	A.216
7910270000	WTR 4 SL	A.227
7910280000	WTR 4 SL BL	A.227
7910300000	WTR 4 STB SL	A.228
7910310000	WTR 4 STB SL BL	A.228
7910330000	WTR 4 SI SL	A.217
7910360000	WTR4 SL/EN	A.228
7910370000	WTR4 SL/EN BL	A.228
7910390000	WTR4 SL/EN STB	A.229
7914370000	WTR 4/SI LD 36V	A.216
7914380000	WTR 4/SI LD 70V	A.216
7914390000	WTR 4/SI LD 150V	A.216
7914400000	WTR 4/SI LD 250V	A.216
7917000000	AP MAK2.5 DB	A.191
7917030000	MAK 2.5 DB	A.191

7920000000

7920100000	ZQV 35-10	A.154
7920340000	ZEW 15	A.56
7920340000	ZEW 15	A.56
7920340000	ZEW 15	A.57
7920340000	ZEW 15	A.57
7920340000	ZEW 15	A.90
7920340000	ZEW 15	A.90
7920340000	ZEW 15	A.91
7920340000	ZEW 15	C.21
7920900000	ZTR 2.5/4AN	A.121
7920930000	ZTR 2.5/4AN BL	A.121
7921560000	SIHA 3/G20	A.161
7921560000	SIHA 3/G20	A.262
7921560000	SIHA 3/G20	A.52
7921570000	SIHA 3/G20/LD 10-36V	A.161
7921570000	SIHA 3/G20/LD 10-36V	A.262
7921570000	SIHA 3/G20/LD 10-36V	A.52
7921580000	SIHA 3/G20/LD 35-70V	A.161
7921580000	SIHA 3/G20/LD 35-70V	A.262
7921580000	SIHA 3/G20/LD 35-70V	A.52
7921590000	SIHA 3/G20/LD 60-150V	A.161
7921590000	SIHA 3/G20/LD 60-150V	A.262
7921590000	SIHA 3/G20/LD 60-150V	A.52
7921600000	SIHA 3/G20/LD 140-250V	A.161
7921600000	SIHA 3/G20/LD 140-250V	A.262
7921600000	SIHA 3/G20/LD 140-250V	A.52

8010000000

8010040000	WDK 2.5 LD GR 1R 24VDC	A.247
8014670000	WDK 2.5 2D 1.A	A.245

8020000000

8023610000	WDK 2.5 LD/GN 1R 24VDC	A.247
8023630000	WDK 2.5 LD RT 24VDC ⏚	A.247
8025610000	WDK 2.5 1D	A.244

8160000000

8161820000	WDUL 4	A.243

8630000000

8630740000	ZEW 35/2	A.106
8630740000	ZEW 35/2	A.12
8630740000	ZEW 35/2	A.12
8630740000	ZEW 35/2	A.13
8630740000	ZEW 35/2	A.153
8630740000	ZEW 35/2	A.17
8630740000	ZEW 35/2	A.23
8630740000	ZEW 35/2	A.23
8630740000	ZEW 35/2	A.23
8630740000	ZEW 35/2	A.24
8630740000	ZEW 35/2	A.36
8630740000	ZEW 35/2	A.36
8630740000	ZEW 35/2	A.80
8630740000	ZEW 35/2	B.116
8630740000	ZEW 35/2	B.116
8630740000	ZEW 35/2	B.117
8630740000	ZEW 35/2	B.117
8630740000	ZEW 35/2	B.117
8630740000	ZEW 35/2	B.118
8630740000	ZEW 35/2	B.118
8630740000	ZEW 35/2	B.119
8630740000	ZEW 35/2	B.119
8630740000	ZEW 35/2	B.120
8630740000	ZEW 35/2	B.120
8630740000	ZEW 35/2	B.121
8630740000	ZEW 35/2	C.21

8670000000

8670520000	ZDK 4-2/D forward	A.152
8670750000	ZDK 4-2	A.85
8670760000	ZAP/TW ZDK4-2	A.105
8670760000	ZAP/TW ZDK4-2	A.152
8670760000	ZAP/TW ZDK4-2	A.152
8670760000	ZAP/TW ZDK4-2	A.85
8670760000	ZAP/TW ZDK4-2	A.85
8670760000	ZAP/TW ZDK4-2	A.86
8670760000	ZAP/TW ZDK4-2	A.86
8670850000	ZDK 4-2 BL	A.85
8671050000	ZDK 4-2 PE	A.105
8671080000	ZDK 4-2 V	A.85
8671120000	ZDK 4-2/DU-PE	A.86

8700000000

8709760000	ZDK 4-2 EL	A.152

8730000000

8731640000	WTR 2.5 BL	A.224
8731660000	WTR 2.5 STB2.3 BL	A.224
8731670000	WTR 2.5/0.TNHE STB2.3	A.224
8731700000	WTR 2.5/0.TNHE	A.224
8731710000	ZTR 2.5 BL	A.120
8731720000	ZTR 2.5/3AN	A.120
8731730000	ZTR 2.5/3AN BL	A.120

8810000000

8817920000	ZTR 6-2 E / 24V DC	B.102
8817930000	ZTR 6-2 E / 230V UC	B.102

8870000000

8870840000	SRC-I QV P	B.74
8870840000	SRC-I QV P	B.74
8870840000	SRC-I QV P	B.75
8870840000	SRC-I QV P	B.75
8870840000	SRC-I QV P	B.76
8870840000	SRC-I QV P	B.76
8870840000	SRC-I QV P	B.77
8870840000	SRC-I QV P	B.77

9000000000

9006060000	SWIFTY SET	A.204
9006120000	CTI 6	B.60
9006120000	CTI 6	B.60
9008320000	SDS 0.5X3.0X80	A.105
9008320000	SDS 0.5X3.0X80	A.30
9008320000	SDS 0.5X3.0X80	A.30
9008320000	SDS 0.5X3.0X80	A.31
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9008320000	SDS 0.5X3.0X80	A.40
9008320000	SDS 0.5X3.0X80	A.42
9008320000	SDS 0.5X3.0X80	A.44
9008320000	SDS 0.5X3.0X80	A.46
9008320000	SDS 0.5X3.0X80	A.46
9008320000	SDS 0.5X3.0X80	A.47

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9008320000	SDS 0.5X3.0X80	A.47
9008320000	SDS 0.5X3.0X80	A.47
9008320000	SDS 0.5X3.0X80	A.48
9008320000	SDS 0.5X3.0X80	B.114
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9008320000	SDS 0.5X3.0X80	B.48
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9008330000	SDS 0.6X3.5X100	A.112
9008330000	SDS 0.6X3.5X100	A.130
9008330000	SDS 0.6X3.5X100	A.153
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9008330000	SDS 0.6X3.5X100	B.99
9008330000	SDS 0.6X3.5X100	B.99
9008340000	SDS 0.8X4.0X100	A.117
9008340000	SDS 0.8X4.0X100	A.196
9008340000	SDS 0.8X4.0X100	A.206
9008340000	SDS 0.8X4.0X100	A.207
9008340000	SDS 0.8X4.0X100	A.210

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9008340000	SDS 0.8X4.0X100	A.211
9008340000	SDS 0.8X4.0X100	B.60
9008340000	SDS 0.8X4.0X100	B.60
9008350000	SDS 1.0X5.5X150	A.188
9008350000	SDS 1.0X5.5X150	A.189
9008350000	SDS 1.0X5.5X150	A.189
9008350000	SDS 1.0X5.5X150	A.189
9008350000	SDS 1.0X5.5X150	A.190
9008350000	SDS 1.0X5.5X150	A.190
9008350000	SDS 1.0X5.5X150	A.191
9008350000	SDS 1.0X5.5X150	A.197
9008350000	SDS 1.0X5.5X150	A.197
9008350000	SDS 1.0X5.5X150	A.198
9008350000	SDS 1.0X5.5X150	A.203
9008350000	SDS 1.0X5.5X150	B.24
9008350000	SDS 1.0X5.5X150	B.24
9008370000	SDIS 0.4X2.5X75	B.116
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9008380000	SDIS 0.5X3.0X100	B.123
9008390000	SDIS 0.6X3.5X100	A.121
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9008400000	SDIS 0.8X4.0X100	B.60
9008400000	SDIS 0.8X4.0X100	B.60
9008480000	SDK PH1	B.84
9008530000	SDK PZ1	B.84
9008540000	SDK PZ2	B.12
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9008640000	SDIZ 0,8X5,5 150/248	B.60
9008640000	SDIZ 0,8X5,5 150/248	B.60
9008850000	SK WSD-S 1,5-10,0	B.104
9008870000	SKS 2,0-8,0 MR	B.12
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9008870000	SKS 2,0-8,0 MR	B.13
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9009010000	SDS 1.2X6.5X150	A.198
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9009030000	SDS 0.4X2.5X75	A.36
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9037160000	SDS 0.4X2.0X60	A.58
9037160000	SDS 0.4X2.0X60	A.58
9037160000	SDS 0.4X2.0X60	A.59
9037160000	SDS 0.4X2.0X60	A.59
9037160000	SDS 0.4X2.0X60	A.6
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9037160000	SDS 0.4X2.0X60	A.74
9037160000	SDS 0.4X2.0X60	A.74
9037160000	SDS 0.4X2.0X60	A.75
9037160000	SDS 0.4X2.0X60	A.91
9037160000	SDS 0.4X2.0X60	A.91
9037160000	SDS 0.4X2.0X60	A.92
9037160000	SDS 0.4X2.0X60	B.64
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9042110000	SDIL 0,6x3,5x100	A.12
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