

# CERTIFICATE

Issued to:  
Applicant:  
**Weidmüller Interface GmbH & Co. KG**  
**Klingenbergstrasse 16**  
**32758 Detmold, Germany**

Manufacturer/Licensee:  
**Weidmüller Interface GmbH & Co. KG**  
**Klingenbergstrasse 16**  
**32758 Detmold, Germany**

Product : terminal block for copper conductors  
Trade name(s) : WEIDMÜLLER  
Type(s)/model(s) : WDU 1.5/R3.5, WDU 10, WDU 120/150, WDU 16, WDU 2.5, WDU 240,  
WDU 35, WDU 35IK, WDU 4, WDU 6 and WDU 70/95

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-7-1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900119

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 8 May 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-100042

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Kreny Lin  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: terminal block for copper conductors
Trade name(s)	: WEIDMÜLLER
Type(s)/model(s)	: WDU 1.5/R3.5, WDU 10, WDU 120/150, WDU 16, WDU 2.5, WDU 240, WDU 35, WDU 35IK, WDU 4, WDU 6 and WDU 70/95
Material	: PA 66
Description	: terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole.

**Product data – type WDU 1.5/R3.5**

Rated insulation voltage	: 400 V
Rated impulse withstand voltage	: 4 kV
Conventional free air thermal current	: 17,5 A
Rated cross-section	: 1,5 mm <sup>2</sup>
Rated connecting capacity	: 0,5 mm <sup>2</sup> - 1,5 mm <sup>2</sup> rigid or flexible 2 conductors with the same cross section: 0,5 mm <sup>2</sup> - 0,75 mm <sup>2</sup> flexible
Torque clamping unit	: 0,3 Nm
Method of mounting	: top hat rail 15 mm

**Product data – type WDU 10**

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 57 A
Rated cross-section	: 10 mm <sup>2</sup>
Rated connecting capacity	: 1,5 mm <sup>2</sup> - 16 mm <sup>2</sup> rigid or flexible 2 wires with the same cross section: 1,5 mm <sup>2</sup> - 6 mm <sup>2</sup> rigid or flexible
Torque clamping unit	: 1,2 Nm - 1,9 Nm
Method of mounting	: top hat rail 35 mm

**Product data – type WDU 120/150**

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 269 A
Rated cross-section	: 120 mm <sup>2</sup>
Rated connecting capacity	: 35 mm <sup>2</sup> - 150 mm <sup>2</sup> rigid or flexible 2 conductors with the same cross section: 35 mm <sup>2</sup> - 70 mm <sup>2</sup> rigid or flexible
Torque clamping unit	: 6 Nm - 12 Nm
Method of mounting	: top hat rail 35 mm

**Product data – type WDU 16**

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 76 A
Rated cross-section	: 16 mm <sup>2</sup>
Rated connecting capacity	: 1,5 mm <sup>2</sup> - 25 mm <sup>2</sup> rigid or flexible
Torque clamping unit	: 2 Nm - 3 Nm
Method of mounting	: top hat rail 35 mm

**Product data – type WDU 2.5**

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 24 A
Rated cross-section	: 2,5 mm <sup>2</sup>
Rated connecting capacity	: 0,5 mm <sup>2</sup> - 4 mm <sup>2</sup> rigid or flexible
Torque clamping unit	: 0,4 Nm - 0,7 Nm
Method of mounting	: top hat rail 35 mm

**Product data – type WDU 240**

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 415 A
Rated cross-section	: 240 mm <sup>2</sup>
Rated connecting capacity	: 70 mm <sup>2</sup> - 240 mm <sup>2</sup> rigid or flexible 2 conductors with the same cross section: 35 mm <sup>2</sup> - 95 mm <sup>2</sup> rigid and 50 mm <sup>2</sup> - 95 mm <sup>2</sup> flexible
Torque clamping unit	: 6 Nm - 12 Nm
Method of mounting	: top hat rail 35 mm

**Product data – type WDU 35**

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 125 A
Rated cross-section	: 35 mm <sup>2</sup>
Rated connecting capacity	: 2,5 mm <sup>2</sup> - 50 mm <sup>2</sup> rigid 2,5 mm <sup>2</sup> - 35 mm <sup>2</sup> flexible
Torque clamping unit	: 4 Nm - 5 Nm
Method of mounting	: top hat rail 35 mm

**Product data – type WDU 35IK**

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 125 A
Rated cross-section	: 35 mm <sup>2</sup>
Rated connecting capacity	: 2,5 mm <sup>2</sup> - 50 mm <sup>2</sup> rigid 2,5 mm <sup>2</sup> - 35 mm <sup>2</sup> flexible
Torque clamping unit	: 4 Nm - 5 Nm
Method of mounting	: top hat rail 35 mm
Type of screw in clamping unit	: socket head screw

**Product data – type WDU 4**

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 32 A
Rated cross-section	: 4 mm <sup>2</sup>
Rated connecting capacity	: 0,5 mm <sup>2</sup> - 6 mm <sup>2</sup> rigid or flexible 2 wires with the same cross section: 0,5 mm <sup>2</sup> - 1,5 mm <sup>2</sup> rigid or flexible
Torque clamping unit	: 0,5 Nm - 0,9 Nm
Method of mounting	: top hat rail 35 mm

**Product data – type WDU 6**

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 41 A
Rated cross-section	: 6 mm <sup>2</sup>
Rated connecting capacity	: 0,5 mm <sup>2</sup> - 10 mm <sup>2</sup> rigid or flexible 2 wires with the same cross section: 0,5 mm <sup>2</sup> - 2,5 mm <sup>2</sup> rigid or flexible
Torque clamping unit	: 0,8 Nm
Method of mounting	: top hat rail 35 mm

**Product data – type WDU 70/95**

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 232 A
Rated cross-section	: 95 mm <sup>2</sup>
Rated connecting capacity	: 16 mm <sup>2</sup> - 120 mm <sup>2</sup> rigid 16 mm <sup>2</sup> - 95 mm <sup>2</sup> flexible 2 conductors with the same cross section: 16 mm <sup>2</sup> - 35 mm <sup>2</sup> rigid or flexible
Torque clamping unit	: 6 Nm - 12 Nm
Method of mounting	: top hat rail 35 mm

**TESTS****Test requirements**

EN 60947-7-1:2009

**Test result**

The test results are laid down in DEKRA test file 219930100.

**Additional Information**

This certificate replaces the following certificates issued on 26 March 2009:

2121320.02 (WDU 2.5)  
2121320.03 (WDU 4)  
2121320.04 (WDU 6)  
2121320.05 (WDU 10)  
2121320.06 (WDU 16)  
2121320.07 (WDU 35)  
2121320.08 (WDU 70/95)  
2121320.09 (WDU 120/150)

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Weidmüller Interface GmbH & Co. KG  
Klingenbergstrasse 16  
32758 Detmold, Germany