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D-SUB bus connector - SUBCON-PLUS-CAN/AX - 2306566

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D-SUB connector, 9-pos. female connector, axial version with two cable entries, bus system: CAN, CANopen, SafetyBUS p; pin assignment: 2, 3, 7; screw connection terminal blocks

Product Description

The SUBCON-PLUS-CAN/... D-SUB series is specifically designed for use in CAN systems. Under field conditions, it enables the quick and easy connection of the incoming and outgoing bus line.
The terminating resistor is already integrated in all versions. It can be connected externally by means of a slide switch. At the same time, the outgoing bus segment is switched off. This makes it easy to start up segment by segment while incorrect terminations are avoided.

Your advantages

☑ Separate terminal blocks for bus cables

☑ Segment-by-segment startup

☑ High transmission speed

☑ Assembly under field conditions

☑ Flexibility in terms of cable entry selection

☑ High level of EMC

☑ Suitable for bus cables according to CiA Draft Recommendation 303-1 with an outside diameter of 8 mm

☑ Termination resistor can be connected

RoHS

IP20

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918962906
Weight per Piece (excluding packing)	38.800 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Max. cable diameter	8.4 mm

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Technical data

Dimensions

Min. cable diameter	7.6 mm
Width	17 mm
Height	31.5 mm
Length	58.2 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Degree of protection	IP20

General

Nominal voltage U_N	5 V
Nominal current I_N	100 mA
Insertion/withdrawal cycles	> 200
Housing material	ABS, metal-plated

Environmental Product Compliance

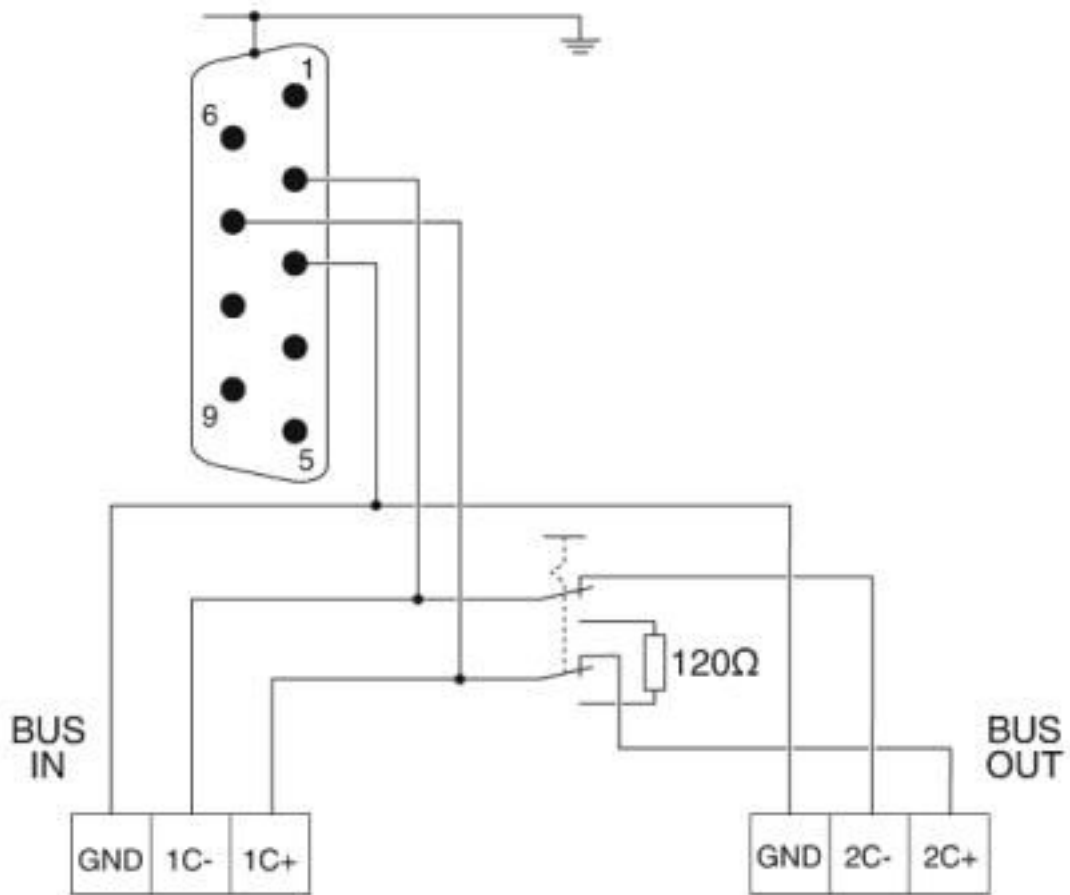|	
REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

D-SUB bus connector - SUBCON-PLUS-CAN/AX - 2306566
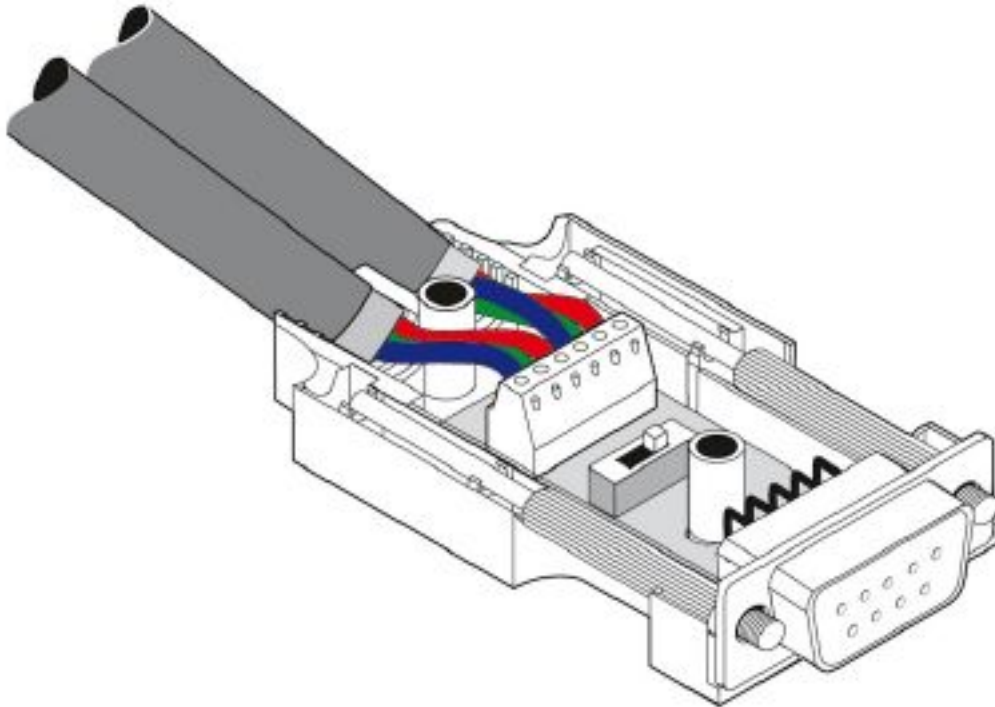
Dimensional drawing

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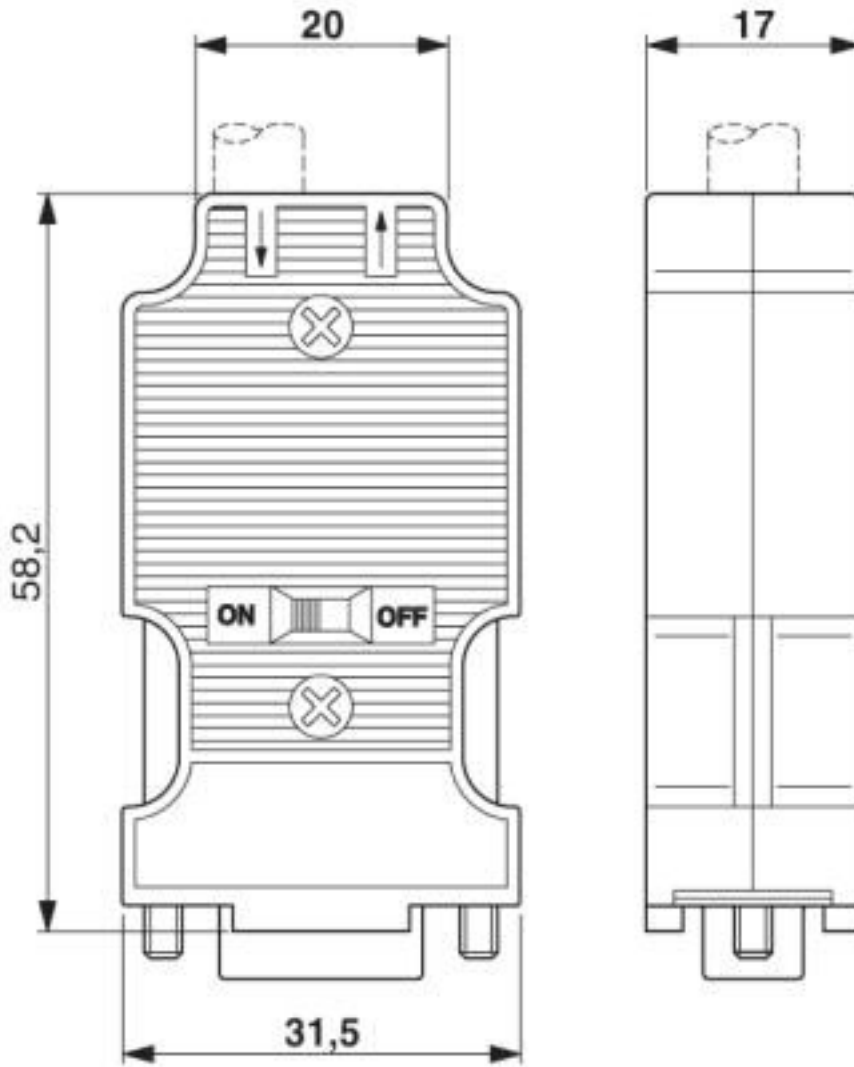
D-SUB bus connector - SUBCON-PLUS-CAN/AX - 2306566
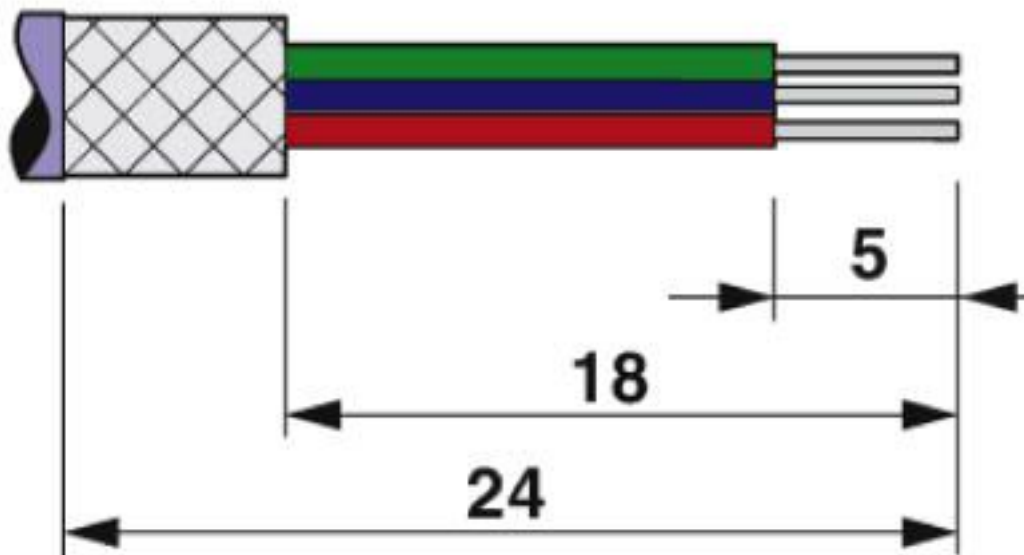
Circuit diagram

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Schematic diagram

Connection of the cables

Schematic diagram

Stripping specifications

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Classifications

eCl@ss

eCl@ss 10.0.1	27440302
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27143400
eCl@ss 7.0	27440302
eCl@ss 8.0	27440302
eCl@ss 9.0	27440302

ETIM

ETIM 2.0	EC001132
ETIM 3.0	EC001132
ETIM 4.0	EC001132
ETIM 5.0	EC001132
ETIM 6.0	EC001132
ETIM 7.0	EC001132

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |

| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |

| EAC | | EAC-Zulassung |

| cULus Recognized | |

Accessories

Accessories

Screwdriver tools

Screwdriver - SZK PH1 VDE - 1205150

Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip

Screwdriver - SZF 0-0,4X2,5 - 1204504

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Stripping tool

Stripping pliers - QUICK WIREFOX 6 - 1204384

Stripping tool for cables with PVC insulation, stripping range: 0.08 to 6 mm², wire cutting up to 6 mm² flexible or 4 mm² rigid

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Accessories