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Find the *Phoenix Contact SUBCON 25/F-SH* at our website: *Click HERE*

D-SUB bus connector - SUBCON 25/F-SH - 2761619

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D-SUB connector, 25-pos. female connector, one cable entry < 35°, universal type for all systems, pin assignment: 1, 2, 3, ..., 24, 25 to screw connection terminal block

Product Description

The 9-pos. version of the SUBCON-... connector range is not just suitable for INTERBUS, but is positively ideal. A whole host of further applications are opened up by having all the connections assigned to their own 1 mm² screw terminal block.
The range covers SUBCON plugs for point-to-point connections with a cable infeed in 9, 15 and 25-pos. male or female versions.
The optional fastening screw SUBCON-SHORT-SCREW is available as an accessory for narrow installation conditions. The screw is completely integrated into the housing by not having a knurl.

Your advantages

- Easy assembly thanks to knurled screws
- Assembly under field conditions
- High level of EMC
- Flexibility in terms of cable entry selection
- For universal use
- Change to the D-SUB orientation through a reversible connection block

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 107987
GTIN	4017918107987
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85366990
Country of origin	Germany

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Technical data

Dimensions

Max. cable diameter	10 mm
Min. cable diameter	4 mm
Width	16 mm
Height	55 mm
Length	79 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Altitude	≤ 5000 m (For restrictions, see the manufacturer's declaration for altitude operation)
Degree of protection	IP20
	IP20

General

Nominal voltage U_N	50 V DC
Nominal current I_N	100 mA
Signal	Modbus
	RS-232
	RS-422
	RS-485
Insertion/withdrawal cycles	> 200
SUBCON fixing screws	4-40 UNC
Tightening torque	0.4 Nm
Housing material	ABS, metal-plated
Pin assignment	All connections are 1:1 on the screw terminal block
MTTF	6706 Years (SN 29500 standard, temperature 25°C, operating cycle 21%)
	1817 Years (SN 29500 standard, temperature 40°C, operating cycle 34.25%)
	155 Years (SN 29500 standard, temperature 40°C, operating cycle 100%)

Connection data

Connection	D-SUB connection
Number of positions	25
Connection method	D-SUB socket
Connection	PCB connection
Connection method	Screw connection
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1 mm²

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Technical data

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	18
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
Stripping length	5 mm
Tightening torque	0.4 Nm

Conformance/approvals

Designation	EAC
Identification	EAC
Designation	ATEX
Identification	# II 3 G Ex nA IIC T4 Gc X
Additional text	Please follow the special installation instructions in the documentation!
Designation	Corrosive gas test
Identification	ISA-S71.04-1985 G3 Harsh Group A

Standards and Regulations

Free from substances that could impair the application of coating	according to P-VW 3.10.7 57 65 0 VW-AUDI-Seat central standard
Connection in acc. with standard	CUL

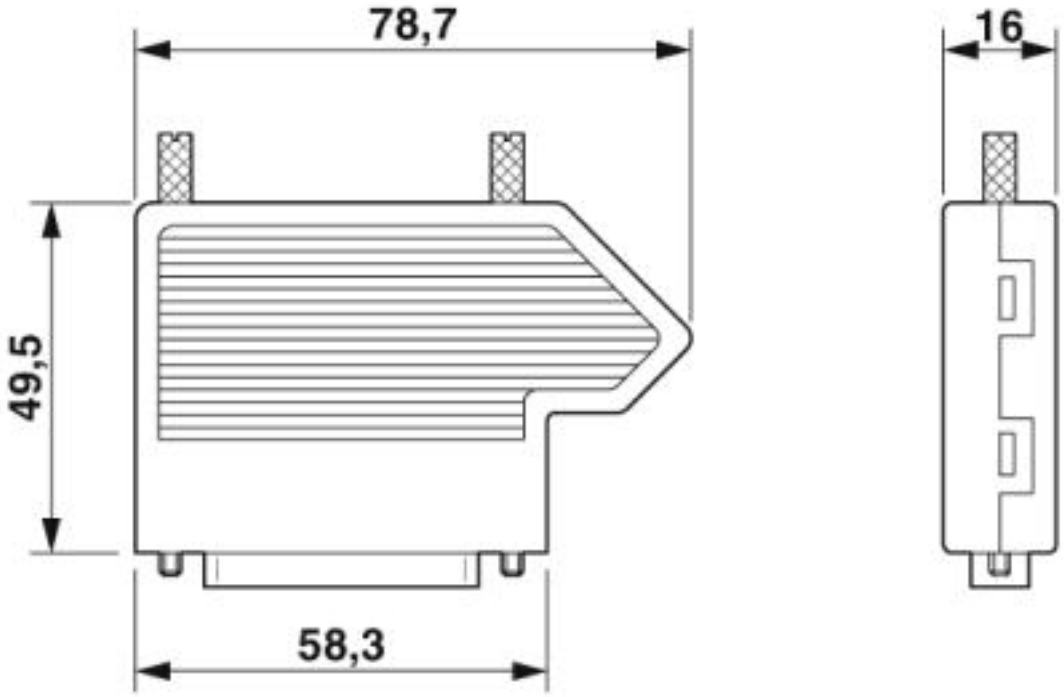
Environmental Product Compliance

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”

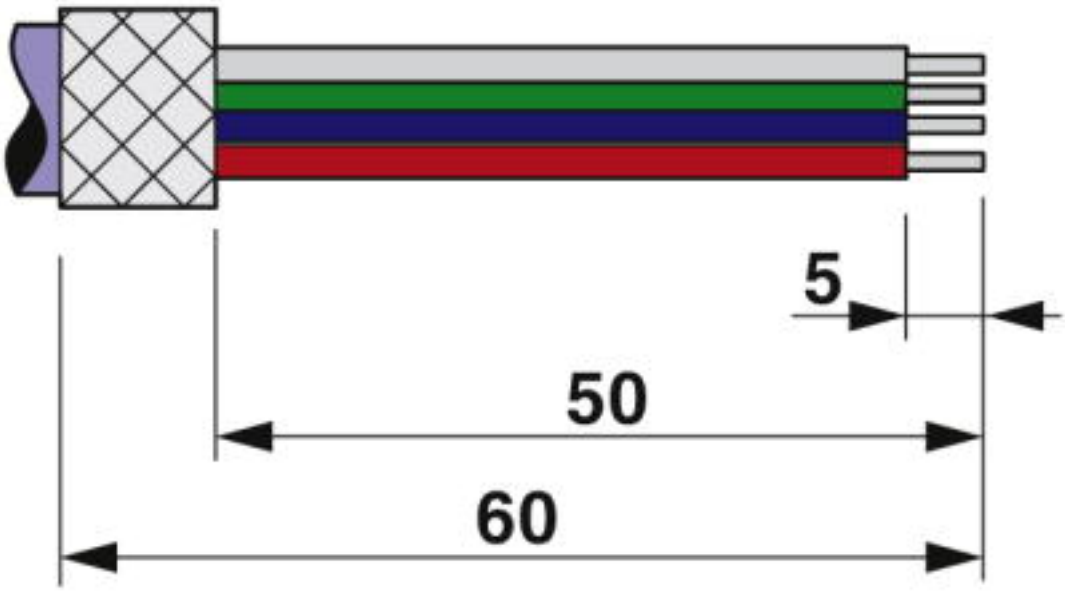
Drawings

D-SUB bus connector - SUBCON 25/F-SH - 2761619

Dimensional drawing



Schematic diagram



Stripping specifications

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