

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 Features

- Easy assembly thanks to knurled screws
- Assembly under field conditions
- High level of EMC
- Flexibility in terms of cable entry selection
- For universal use



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 107987
Weight per Piece (excluding packing)	100.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

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

Ambient conditions

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Technical data

Ambient conditions

Ambient temperature (operation)	-20 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Altitude	5000 m (For restrictions see manufacturer's declaration)

General

Nominal voltage U_N	50 V
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 % (5 days a week, 8 hours a day))
	1817 Years (SN 29500 standard, temperature 40 °C, operating cycle 34.25 % (5 days a week, 12 hours a day))
	155 Years (SN 29500 standard, temperature 40°C, operating cycle 100 % (7 days a week, 24 hours a day))

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 mm ²
Conductor cross section flexible max.	1 mm ²
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
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

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Technical data

Standards and Regulations

Connection in acc. with standard	CUL
ATEX	# II 3 G Ex nA IIC T4 Gc X

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
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

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

Approvals

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UL Recognized / cUL Recognized / CSA / EAC / cULus Recognized

Ex Approvals

ATEX

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Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized

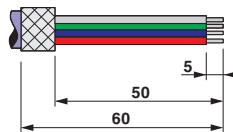
CSA

EAC

cULus Recognized

Drawings

Schematic diagram



Stripping specifications

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Dimensional drawing

