

D-SUB bus connector - SUBCON 9/F-SH - 2761499

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D-SUB plug, 9-pos. female connector, one cable entry < 35°, universal type for all systems, pin assignment: 1, 2, 3, 4, 5, 6, 7, 8, 9 to screw connection terminal block

Product Features

- For universal use
- Flexibility in terms of cable entry selection
- ✓ Assembly under field conditions

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RS-232 RS-422 RS-485

Key commercial data

Packing unit	1 pc
GTIN	4 017918 064730
Weight per Piece (excluding packing)	45.0 GRM
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	56.4 mm



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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	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	9		
Connection method	D-SUB socket		
Connection	PCB connection		
Connection method	Screw connection		
Conductor cross section stranded min.	0.14 mm²		
Conductor cross section stranded max.	1 mm²		
Conductor cross section solid min.	0.14 mm²		
Conductor cross section solid max.	1.5 mm²		
Min. AWG conductor cross section, stranded	26		
Max. AWG conductor cross section, stranded	18		
Conductor cross section AWG/kcmil min.	26		
Conductor cross section AWG/kcmil max	16		
Stripping length	5 mm		
Tightening torque	0.4 Nm		

https://www.phoenixcontact.com/us/products/2761499



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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

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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Approvals

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

Ex Approvals

Approvals submitted

Approval details



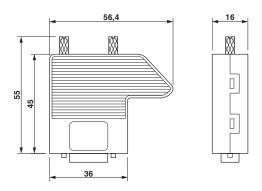
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Drawings

Dimensional drawing



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