

SUBCON-PLUS F3 - D-SUB bus connector



2761871

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D-SUB connector, 9-pos. female connector, two cable entries $< 35^\circ$, bus system: CANopen, FIP, pin assignment: 2, 3, 6, 7, 8, 9 to two screw connection terminal blocks

Your advantages

- Assembly under field conditions
- Separate terminal blocks for each cable
- High transmission speed
- Easy assembly thanks to knurled screws
- High level of EMC
- Flexibility in terms of cable entry selection
- Can be used universally
- Change to the D-SUB orientation through a reversible connection block

Commercial data

Item number	2761871
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CN
Product key	DNC521
GTIN	4017918156299
Weight per piece (including packing)	74.4 g
Weight per piece (excluding packing)	61.4 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Utilization restriction

CCCex note	Use in potentially explosive areas is not permitted in China.
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Product properties

Product type	Data plug
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%)
Pin assignment	2, 3, 6, 7, 8, 9 on two terminal blocks

Electrical properties

Nominal voltage U_N	50 V DC
Nominal current I_N	100 mA
Transmission medium	Copper

Connection data

D-SUB connection

Connection method	D-SUB socket
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PCB connection

Connection method	Screw connection
Stripping length	5 mm
Conductor cross section, rigid min.	0.14 mm ²
Conductor cross section, rigid max.	1.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1 mm ²
Single-wire/terminal point, rigid AWG min.	26
Single-wire/terminal point, rigid AWG max.	16

Interfaces

Bus system	CANopen [®] , FIP
Signal	RS-485

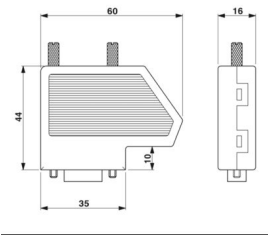
Dimensions

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Dimensional drawing	
	
Width	16 mm
Height	44 mm
Length	60 mm

Material specifications

Material Housing	ABS, metal-plated
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Cable/line

External cable diameter ()	6 mm ... 10 mm (Incoming bus line)
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Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	> 200

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP40
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)
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)

Approvals

EAC	
Identification	EAC

ATEX	
Identification	Ⓔ II 3 G Ex nA IIC T4 Gc X
Note	Please follow the special installation instructions in the documentation!

Corrosive gas test	
Identification	ISA-S71.04-1985 G3 Harsh Group A

Standards and regulations

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Free from substances that could impair the application of coating

in accordance with VW-AUDI-Seat central standard P-VW 3.10.7
57 65 0

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