PHŒNIX CONTACT

D-SUB bus connector - SUBCON-PLUS-CAN/SC2 - 2708999

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D-SUB plug, 9-pos. socket, two cable entries less than 35° to two terminal block rows, bus system: CAN, CANopen, SafetyBUS p up to 1 Mbps, termination resistor can be switched on via slide switch, pin assignment: 2,3,7,9; screw connection terminal blocks

Why buy this product

☑ Separate terminal blocks for bus cables

☑ Segment-by-segment startup

☑ High level of EMC

☑ Flexibility in terms of cable entry selection

☑ High transmission speed

☑ Assembly under field conditions

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

☑ Termination resistor can be connected

CANopen SafetyBUS p

Key commercial data

Packing unit	1 pc
GTIN	4 046356 082341
Weight per Piece (excluding packing)	40.6 g
Weight per piece (including packing)	40.6 g
Custom tariff number	85366990
Country of origin	Germany
Sales Key	M1 - Communication Techn.

Technical data

Dimensions

Max. cable diameter	8.4 mm
Min. cable diameter	7.6 mm
Width	16.6 mm
Height	39.4 mm
Length	58 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
Bus system	CAN, CANopen, SafetyBus-P
Signal	CAN
	CANopen$^®$
	SafetyBUS p
Insertion/withdrawal cycles	> 200
SUBCON fixing screws	4-40 UNC
Tightening torque	0.4 Nm
Housing material	ABS, metal-plated
Pin assignment	2, 3, 7, 9

Connection data

Connection	D-SUB connection
Number of positions	9
Connection method	D-SUB socket
Termination resistor	120 Ω (Can be connected externally)
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

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424

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Classifications

eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440302
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

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized

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Approvals

CSA

cULus Recognized c 🅤🅛 us

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

Drawings

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Dimensioned drawing