PHŒNIX CONTACT

D-SUB bus connector - SUBCON-PLUS-PROFIB/90/IDC - 2313672

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D-SUB connector, 9-pos., male connector, cable entry < 90°, bus system: PROFIBUS DP up to 12 Mbps, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; IDC terminal block connection

Key commercial data

Packing unit	1 pc
GTIN	4 046356 514583
Weight per Piece (excluding packing)	41.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Max. cable diameter	8.4 mm
Min. cable diameter	7.6 mm
Width	16.8 mm
Height	34.8 mm
Length	72 mm

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	5 V AC/DC
Nominal current I_N	100 mA
Bus system	PROFIBUS DP
Signal	PROFIBUS
Insertion/withdrawal cycles	> 200
Test voltage	50 V

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Technical data

General

SUBCON fixing screws	4-40 UNC
Tightening torque	0.4 Nm
Housing material	ABS, metal-plated
Pin assignment	3, 5, 6, 8

Connection data

Connection	D-SUB connection
Number of positions	9
Connection method	D-SUB connector
Termination resistor	390 Ω
	220 Ω
	390 Ω (Can be connected externally)
Connection	IDC terminal blocks
Connection method	IDC fast connection
Conductor cross section stranded min.	0.32 mm²
Conductor cross section stranded max.	1 mm²
Conductor cross section solid min.	0.32 mm²
Conductor cross section solid max.	1 mm²
Min. AWG conductor cross section, stranded	22
Max. AWG conductor cross section, stranded	18
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	18

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
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 3.0	EC001132
ETIM 4.0	EC001132
ETIM 5.0	EC001132

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402

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Classifications

UNSPSC

UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

UL Recognized ⯑

cUL Recognized ⯑

cULus Recognized ⯑

Accessories

Accessories

Data cable by the meter

D-SUB bus connector - SUBCON-PLUS-PROFIB/90/IDC - 2313672

Accessories

Cable - PSM-CABLE-PROFIB/FC - 2744652

PROFIBUS cable, Fast Connect type, up to 12 Mbps (02YSY (ST)CY 1x2x22 AWG)

Data plug

D-SUB bus connector - SUBCON-PLUS-PROFIB/90/PG/IDC - 2313685

D-SUB connector, 9-pos., male connector, cable entry < 90°, bus system: PROFIBUS DP up to 12 Mbps with Pg D-SUB socket for connecting a programming device, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; IDC terminal block connection

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D-SUB bus connector - SUBCON-PLUS-PROFIB/PG/SC2 - 2708245

D-SUB connector, 9-pos., male connector, cable entry < 35°, bus system: PROFIBUS DP up to 12 Mbps with Pg D-SUB socket for connecting a programming device, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; screw connection terminal blocks

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D-SUB bus connector - SUBCON-PLUS-PROFIB/AX/SC - 2744380

D-SUB connector, 9-pos., male connector, axial version with two cable entries, bus system: PROFIBUS DP up to 12 Mbps, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; screw connection terminal blocks

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D-SUB bus connector - SUBCON-PLUS-PROFIB/90/SC - 2313698

D-SUB connector, 9-pos., male connector, cable entry < 90°, bus system: PROFIBUS DP up to 12 Mbps, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; screw connection terminal blocks

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Screwdriver tools

D-SUB bus connector - SUBCON-PLUS-PROFIB/90/IDC - 2313672

Accessories

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

Screwdriver - SZK PH1 VDE - 1205150

Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 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
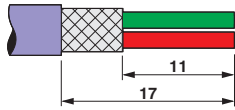
Stripping tool - PSM-STRIP-FC/PROFIB - 2744623

Quick stripping tool for PROFIBUS cable, type Fast Connect
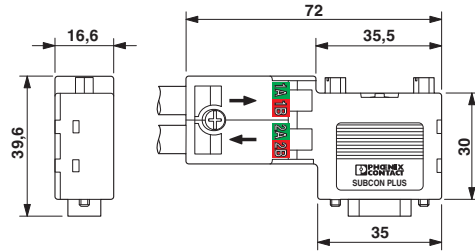
Drawings

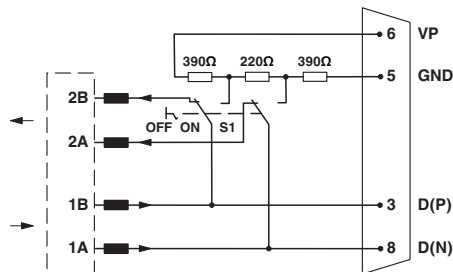# D-SUB bus connector - SUBCON-PLUS-PROFIB/90/IDC - 2313672

Schematic diagram

Dimensioned drawing

Stripping specifications

Circuit diagram

Functional diagram of the connector range
SUBCON-PLUS-PROFIB/...