

## SUBCON-PLUS-PROFIB/90/PG/SC

Order No.: 2313708


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D-SUB connector, 9-pos., male connector, cable entry < 90°, bus system: PROFIBUS DP up to 12 Mbps with PG D-SUB female connector 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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### Commercial data

GTIN (EAN)	
sales group	H631
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 279 (NTK-2010)

### Technical data

#### General data

Nominal voltage $U_N$	60 V AC/DC
Nominal current $I_N$	1 A
Termination resistor	390 $\Omega$ - 220 $\Omega$ - 390 $\Omega$ (switchable)
Bus system	PROFIBUS DP
Insertion/withdrawal cycles	> 200
Max. cable diameter	8.4 mm
Min. cable diameter	7.6 mm

SUBCON fixing screws	4-40 UNC
Tightening torque	0.4 Nm
Ambient temperature (operation)	-20 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Housing material	ABS, metal-plated
Pin assignment	3, 5, 6, 8
Width	16.8 mm
Height	34.8 mm
Length	72 mm

#### Connection data

Connection	D-SUB connection
Number of positions	9
Type of connection	D-SUB connector
Termination resistor	220 Ω (Can be connected externally)
Connection	PCB connection
Type of connection	Screw connection
Termination resistor	390 Ω (Can be connected externally)
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
Stripping length	5 mm
Tightening torque	0.4 Nm
Connection	Programming connection
Number of positions	9
Type of connection	D-SUB socket

#### Accessories

Item	Designation	Description
<b>Cable/conductor</b>		
2744652	PSM-CABLE-PROFIB/FC	PROFIBUS cable, Fast Connect type, up to 12 Mbps (02YSY (ST)CY 1x2x22 AWG)

**General**

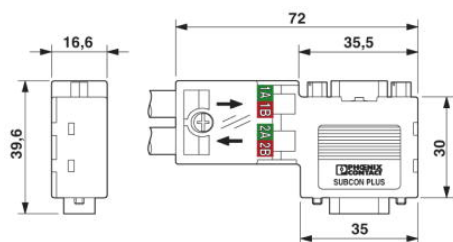
2744636	PSM-STRIP-KNIFEBLOCK	Spare knife block for quick stripping tool
1205150	SZK PH1 VDE	Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip

**Tools**

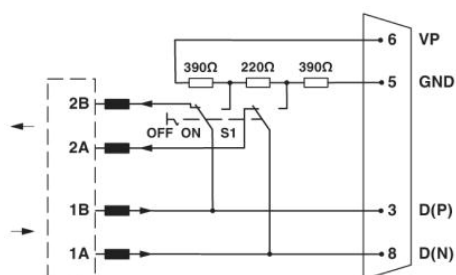
2744623	PSM-STRIP-FC/PROFIB	Quick stripping tool for PROFIBUS cable, type Fast Connect
1204384	QUICK WIREFOX 6	Stripping tool for cables with PVC insulation, stripping range: 0.08 to 6 mm <sup>2</sup> , wire cutting up to 6 mm <sup>2</sup> flexible or 4 mm <sup>2</sup> rigid
1204504	SZF 0-0,4X2,5	Actuation 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

**Diagrams/Drawings**

Dimensioned drawing



Circuit diagram



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

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