

## D-SUB bus connector - SUBCON-PLUS-PROFIB/AX - 2744377

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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; spring-cage connection terminal blocks



### Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 405 (IF-2002)
GTIN	 4 017918 818135
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### General data

Nominal voltage $U_N$	50 V
Nominal current $I_N$	100 mA
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 ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Altitude	5000 m (For restrictions see manufacturer's declaration)
Housing material	ABS, metal-plated
Pin assignment	3, 5, 6, 8
Width	17 mm
Height	58.2 mm
Length	31.5 mm

# D-SUB bus connector - SUBCON-PLUS-PROFIB/AX - 2744377

## Technical data

### Connection data

Connection	D-SUB connection
Number of positions	9
Connection method	D-SUB connector
Termination resistor	220 Ω (Can be connected externally)
Connection	PCB connection
Connection method	Spring-cage connection
Termination resistor	390 Ω (Can be connected externally)
Conductor cross section solid min.	0.12 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Stripping length	9 mm
Tightening torque	0.4 Nm

## Classifications

### ETIM

ETIM 2.0	EC001132
ETIM 3.0	EC001132
ETIM 4.0	EC001132
ETIM 5.0	EC001132

### UNSPSC

UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402
UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402

### 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

## Approvals

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#### Approvals

UL Recognized / cUL Recognized / GOST / CSA / cULus Recognized

# D-SUB bus connector - SUBCON-PLUS-PROFIB/AX - 2744377

## Approvals

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Ex Approvals


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Approvals submitted

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### Approval details

UL Recognized 

cUL Recognized 

GOST 

CSA

cULus Recognized 

## Accessories

Accessories

Cable/conductor

Cable - PSM-CABLE-PROFIB/FC - 2744652



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

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Plug/Adapter

## D-SUB bus connector - SUBCON-PLUS-PROFIB/AX - 2744377

### Accessories

#### 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 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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#### 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 female connector 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/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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### Tools

#### Stripping pliers - QUICK WIREFOX 6 - 1204384



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

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#### Stripping tool - PSM-STRIP-FC/PROFIB - 2744623



Quick stripping tool for PROFIBUS cable, type Fast Connect

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### 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

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Screwdriver - SZK PH1 VDE - 1205150



Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip

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### Drawings

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Dimensioned drawing

