

## D-SUB bus connector - SUBCON-PLUS-F2 - 2799490

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D-SUB connector, 9-pos. female connector, two cable entries < 35°, bus system: CAN, SUCONET K1, K2 (MOELLER), S-BUS (Saia), J-BUS (Merlin Gerin), pin assignment: 2, 3, 4, 5, 7, 9 to two screw connection terminal blocks

The illustration shows version SUBCON-PLUS M 2

### Why buy this product


- Separate terminal blocks for each cable
- Easy assembly thanks to knurled screws
- For universal use
- Assembly under field conditions
- High level of EMC
- Flexibility in terms of cable entry selection
- High transmission speed



**RS-485**



### Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 574 (IF-2011)
GTIN	 4 017918 156305
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### General data

Nominal voltage $U_N$	50 V
Nominal current $I_N$	100 mA
Bus system	CAN, SUCONET K1, K2 (Moeller), S-BUS (Saia), J-BUS (Merlin Gerin)
Insertion/withdrawal cycles	> 200
Max. cable diameter	10 mm
Min. cable diameter	6 mm
SUBCON fixing screws	4-40 UNC

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### Technical data

#### General data

Tightening torque	0.4 Nm
Ambient temperature (operation)	-20 °C ... 75 °C
Altitude	5000 m (For restrictions see manufacturer's declaration)
Housing material	ABS, metal-plated
Pin assignment	2,3,4,5,7,9 on two terminal blocks
Width	16 mm
Height	44 mm
Length	60 mm

#### Connection data

Connection	D-SUB connection
Number of positions	9
Connection method	D-SUB socket
Tightening torque	0.4 Nm
Connection	PCB connection
Connection method	Screw connection
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
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

#### 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

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## Classifications

### 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

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

UL Recognized

cUL Recognized

GOST

cULus Recognized

## Accessories

### Accessories

### Assembly

## D-SUB bus connector - SUBCON-PLUS-F2 - 2799490

### Accessories

Screw - SUBCON-SHORT-SCREW - 2799694



Optional mounting screw, without knurl for narrow installation conditions, slotted head, length: 40 mm, UNC 4-40 thread

### Tools

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

D-SUB gender changer - VS-09-GC-ST/ST - 1652651



D-SUB contact insert, shell size 1, with nine signal contacts, contact type pin, gender changer, fixing with 4-40 UNC thread

### Drawings

Dimensioned drawing

