

# D-SUB bus connector - SUBCON 9/M-SH - 2761509

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D-SUB connector, 9-pos., male connector, one cable entry < 35°, universal type for all systems, pin assignment: 1, 2, 3, 4, 5, 6, 7, 8, 9 to screw connection terminal block

## Product Features

- Easy assembly thanks to knurled screws
- For universal use
- Flexibility in terms of cable entry selection
- Assembly under field conditions
- High level of EMC

RS-485 Modbus RS-232 RS-422

## Key commercial data

package_quantity	1
GTIN	4017918064747

## Technical data

### Dimensions

Max. cable diameter	10 mm
Min. cable diameter	4 mm
Width	16 mm
Height	55 mm
Length	56.4 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 $U_N$	50 V
Nominal current $I_N$	100 mA
Signal	Modbus
Signal	RS-232
Signal	RS-422
Signal	RS-485

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## Technical data

### General

Insertion/withdrawal cycles	> 200
SUBCON fixing screws	4-40 UNC
Tightening torque	0.4 Nm
Housing material	ABS, metal-plated
Pin assignment	All connections are 1:1 on the screw terminal block

### Connection data

Connection	D-SUB connection
Number of positions	9
Connection method	D-SUB connector
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

### 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
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

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## classifications

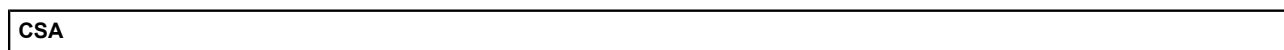
### UNSPSC

UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

## approvals

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

### Approval details



## accessories

### Mounting material

SUBCON-SHORT-SCREW - 2799694



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### accessories

CRIMPFOX-1,6-ER-1,50-GH - 1772793



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### Screwdriver tools

SZF 0-0,4X2,5 - 1204504



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### Data plug

SUBCON 9/F-SH - 2761499



VS-09-GC-BU/BU - 1688722

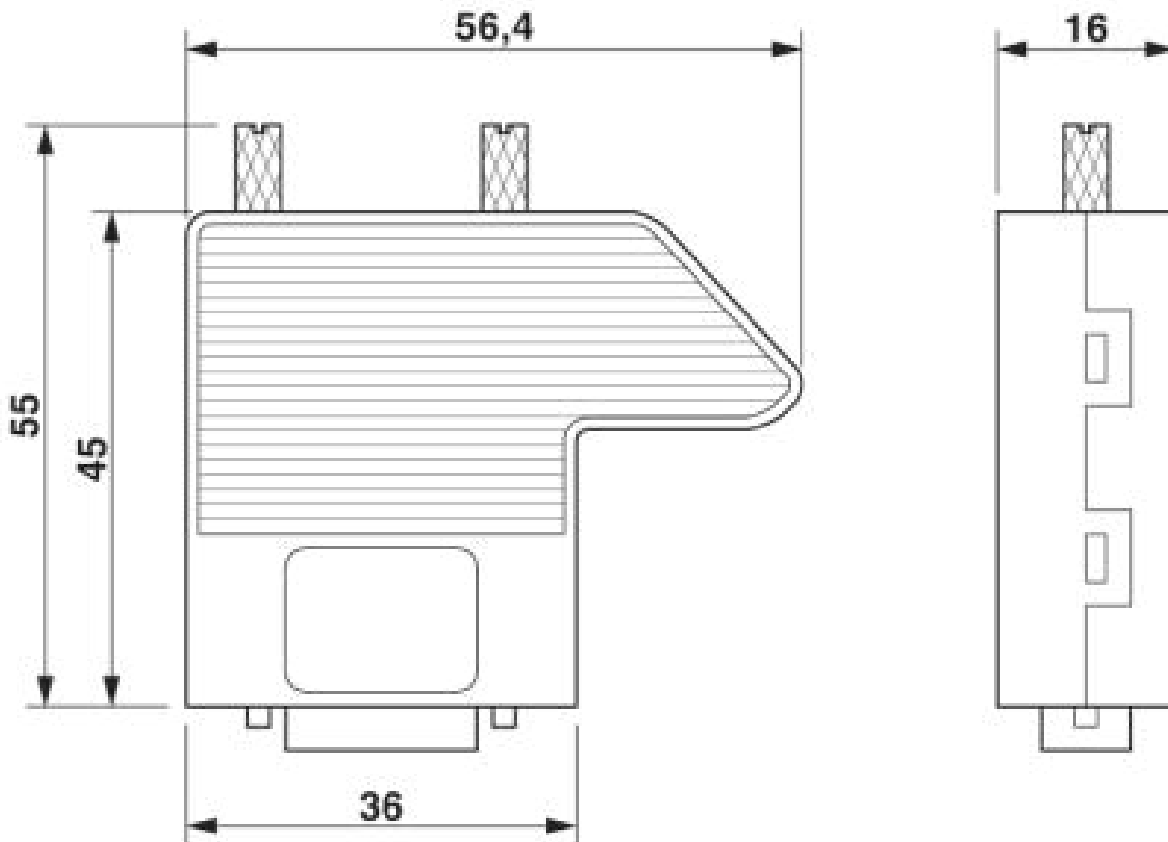


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### Drawings

# D-SUB bus connector - SUBCON 9/M-SH - 2761509

Dimensioned drawing



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