

D-SUB bus connector - SUBCON 25/M-SH - 2761622

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D-SUB connector, 25-pos., male connector, one cable entry < 35°, universal type for all systems, pin assignment: 1, 2, 3, ..., 24, 25 to screw connection terminal block

Product Features

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



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 107994 |
| Weight per Piece (excluding packing) | 85.0 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|---------------------|-------|
| Max. cable diameter | 10 mm |
| Min. cable diameter | 4 mm |
| Width | 16 mm |
| Height | 55 mm |
| Length | 79 mm |

Ambient conditions

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Technical data

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 |
| | RS-232 |
| | RS-422 |
| | RS-485 |
| 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 |
| MTTF | 6706 Years (SN 29500 standard, temperature 25°C, operating cycle 21 % (5 days a week, 8 hours a day)) |
| | 1817 Years (SN 29500 standard, temperature 40 °C, operating cycle 34.25 % (5 days a week, 12 hours a day)) |
| | 155 Years (SN 29500 standard, temperature 40°C, operating cycle 100 % (7 days a week, 24 hours a day)) |

Connection data

| | |
|--|----------------------|
| Connection | D-SUB connection |
| Number of positions | 25 |
| Connection method | D-SUB connector |
| Connection | PCB connection |
| Connection method | Screw connection |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1 mm ² |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Min. AWG conductor cross section, flexible | 26 |
| Max. AWG conductor cross section, flexible | 18 |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 16 |
| Stripping length | 5 mm |
| Tightening torque | 0.4 Nm |

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Technical data

Standards and Regulations

| | |
|----------------------------------|----------------------------|
| Connection in acc. with standard | CUL |
| ATEX | # II 3 G Ex nA IIC T4 Gc X |

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 |
| UNSPSC 11 | 39121402 |
| UNSPSC 12.01 | 39121402 |
| UNSPSC 13.2 | 39121402 |

Approvals

Approvals

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UL Recognized / cUL Recognized / CSA / EAC / cULus Recognized

Ex Approvals

ATEX

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Approvals

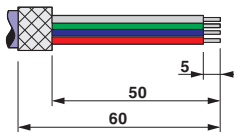
Approvals submitted

Approval details

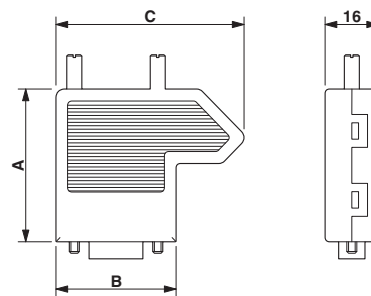
| |
|------------------|
| UL Recognized |
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Drawings

Schematic diagram



Dimensional drawing



Stripping specifications