

## Bus system flush-type socket - SACCBP-FS-4CON-PG9/0,5-990SCO - 1437847

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Bus system flush-type socket, CC-Link, 4-pos., M12, SPEEDCON, shielded, rear/screw mounting with Pg9 thread, with 0.5 m bus cable



CC-Link



### Key commercial data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 1      |
| Custom tariff number | 85444290 |
| Country of origin    | Germany  |

### Technical data

#### Dimensions

|                 |       |
|-----------------|-------|
| Length of cable | 0.5 m |
|-----------------|-------|

#### Ambient conditions

|                                 |                                  |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -25 °C ... 80 °C (Plug / socket) |
| Degree of protection            | IP67                             |

#### General

|                        |              |
|------------------------|--------------|
| Rated current at 40°C  | 4 A          |
| Rated voltage          | 250 V        |
| Number of positions    | 4            |
| Contact resistance     | ≤ 3 mΩ       |
| Insulation resistance  | ≥ 10 MΩ      |
| Coding                 | A - standard |
| Signal type/category   | CC link      |
| Surge voltage category | II           |
| Pollution degree       | 3            |

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### Technical data

#### Material

|   |       |
|---|-------|
| Inflammability class according to UL 94 | V0    |
| Contact material                        | CuZn  |
| Contact surface material                | Ni/Au |
| Contact carrier material                | PA 66 |

#### Cable

|   |  |
|---|--|
| Cable type                                  | CC-Link  |
| Cable type (abbreviation)                   | 990  |
| Conductor cross section                     | 0.5 mm <sup>2</sup>  |
| AWG signal line                             | 20   |
| Conductor structure signal line             | 7x 0.28 mm   |
| Thickness, insulation                       | 0.89 mm (Outer cable sheath)                               |
| Wire colors                                 | white, yellow, blue  |
| Shielding                                   | Plastic-coated aluminum foil, tinned copper braided shield |
| Optical shield covering                     | 78 %   |
| External sheath, color                      | red  |
| External cable diameter                     | 7.70 mm  |
| Smallest bending radius, fixed installation | 77 mm  |
| Cable weight                                | 78.8 kg/km   |
| Outer sheath, material                      | PVC  |
| Material conductor insulation               | foamed PE, with high density                               |
| Conductor material                          | Bare Cu litz wires   |
| Conductor resistance                        | 31.2 Ω/km  |
| Working capacitance                         | 61 pF  |
| Wave impedance                              | 110 Ω  |
| Nominal voltage, cable                      | 300 V  |
| Ambient temperature (operation)             | -30 °C ... 60 °C (cable, fixed installation)               |
|   | -5 °C ... 60 °C (cable, flexible installation)             |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27449001 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002061 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 39121413 |

## Approvals

### Approvals

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#### Approvals

UL Recognized / GOST / GOST

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#### Ex Approvals

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#### Approvals submitted

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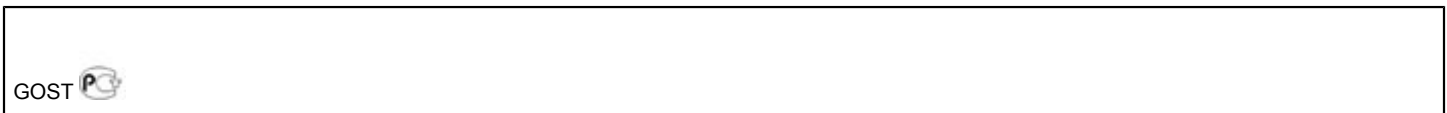
### Approval details

|   |       |
|---|-------|
| UL Recognized  |       |
| mm <sup>2</sup> /AWG/kcmil  | 26-20 |
| Nominal current I <sub>N</sub>  | 4 A   |

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## Approvals

|                    |       |
|--------------------|-------|
| Nominal voltage UN | 250 V |
|--------------------|-------|

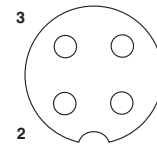


## Drawings

Dimensioned drawing

M12 flush-type connector

Schematic diagram



Pin assignment M12 socket, 4-pos., A-coded, view female side