# Cable - CABLE-D 9SUB/S/S/100/KONFEK/S - 2305570

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Assembled shielded round cable; connection 1: D-SUB pin strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 1 m

RoHS

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 pc |
| GTIN | 4 046356 011914 |
| GTIN | 4046356011914 |

## Technical data

### Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 70 °C (fixed installation) |
| | -10 °C ... 70 °C (flexible installation) |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Maximum altitude | ≤ 2000 m |
| Degree of protection | IP20 |
| | ≥ IP54 (Installation location) |

### General

| | |
|---|---|
| Max. permissible operating voltage | 25 V AC |
| | 60 V DC |
| Max. current carrying capacity per path | 2 A (see to derating) |
| Length of cable | 1 m |
| External cable diameter | 6.7 mm ±0.5 mm |
| Single wire, cross section | 0.25 mm² |
| Single wire, cross section [AWG] | 24 |
| Single wire, number of litz wires | 14 |
| Single wire, material | Cu uninsulated |
| Wire diameter incl. insulation | 1.2 mm ±0.05 mm |

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## Technical data

### General

| | |
|---|---|
| Smallest bending radius, fixed installation | 58 mm |
| Smallest bending radius, movable installation | 108 mm |
| Bending cycles | 5000 (at a radius of ≥ 15x outside diameter) |
| Shielding | yes |
| | Tinned copper-braided shield, approx. 85% covering |
| Cable insulation resistance | ≥ 20 MΩ/km (at 20 °C) |
| Cable resistance | ≤ 80 Ω/km (at 20 °C) |
| Outer sheath, material | Semi-rigid PVC |
| External sheath, color | gray |
| Nominal operating mode | 100% operating factor |

### Connection data

| | |
|---|---|
| Connection name | Field level |
| Connection method | D-SUB pin strip |
| Number of connections | 1 |
| Number of positions | 9 |
| Torque | 0.2 Nm |
| Insertion/withdrawal cycles | > 200 |

### Connection data 2

| | |
|---|---|
| Connection name | Controller level |
| Connection method | D-SUB pin strip |
| Number of connections | 1 |
| Number of positions | 9 |
| Torque | 0.2 Nm |
| Insertion/withdrawal cycles | > 200 |

### Standards and Regulations

| | |
|---|---|
| Flame resistance | UL VW-1 |
| | CSA FT-1 |
| | IEC 60332-1-2 |
| | VDE 0842, Part 332-1-2 |
| | IEC 60332-3-22 |
| Resistance to oil | against occasional splashes |
| Gasoline resistance | against occasional splashes |
| Connection in acc. with standard | CUL |
| Designation | Air clearances and creepage distances |
| Standards/regulations | DIN EN 50178 |
| Rated insulation voltage | 125 V |
| Rated surge voltage | 1.2 kV |
| Insulation | Functional insulation |
| Pollution degree | 2 |

# Cable - CABLE-D 9SUB/S/S/100/KONFEK/S - 2305570

## Technical data

### Standards and Regulations

| | |
|---|---|
| Overvoltage category | II |

### Supported controller

| | |
|---|---|
| Controller | universal |

### Color code

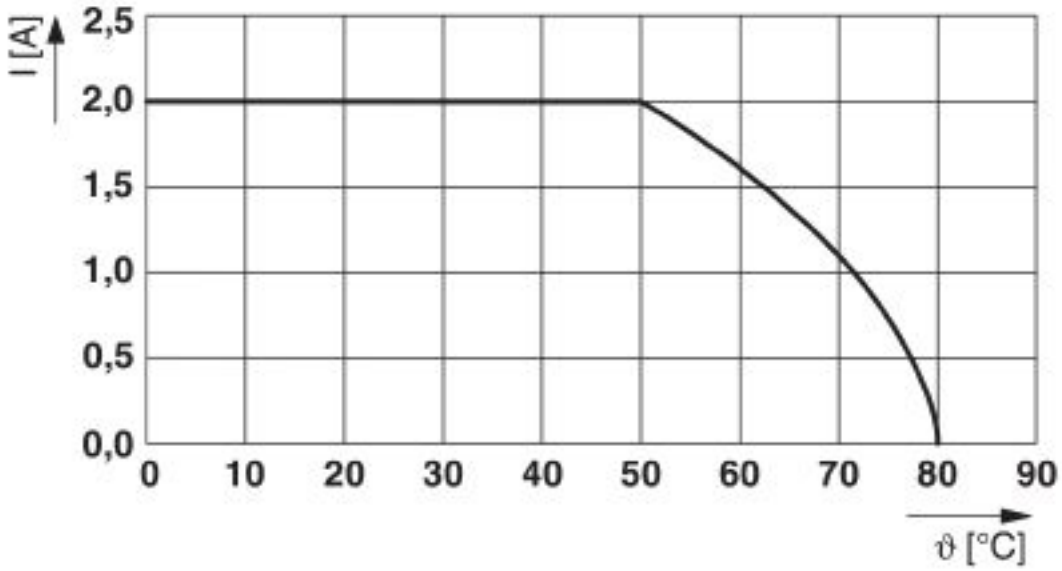
| | |
|---|---|
| Connector 1 = connector 2 (optional) = wire color | D-SUB9 (1) = D-SUB9 (1) = white |
| | D-SUB9 (2) = D-SUB9 (2) = brown |
| | D-SUB9 (3) = D-SUB9 (3) = green |
| | D-SUB9 (4) = D-SUB9 (4) = yellow |
| | D-SUB9 (5) = D-SUB9 (5) = gray |
| | D-SUB9 (6) = D-SUB9 (6) = pink |
| | D-SUB9 (7) = D-SUB9 (7) = blue |
| | D-SUB9 (8) = D-SUB9 (8) = red |
| | D-SUB9 (9) = D-SUB9 (9) = black |

### Environmental Product Compliance

| | |
|---|---|
| China RoHS | Environmentally Friendly Use Period = 5 |
| | For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration” |

## Drawings

Diagram




Maximum permissible current per path in uncoiled state

# Cable - CABLE-D 9SUB/S/S/100/KONFEK/S - 2305570

## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 10.0.1 | 27242220 |
| eCl@ss 4.0 | 27060300 |
| eCl@ss 4.1 | 27060300 |
| eCl@ss 5.0 | 27242200 |
| eCl@ss 5.1 | 27242200 |
| eCl@ss 6.0 | 27249200 |
| eCl@ss 7.0 | 27249205 |
| eCl@ss 8.0 | 27249205 |
| eCl@ss 9.0 | 27242220 |

### ETIM

| | |
|---|---|
| ETIM 2.0 | EC000237 |
| ETIM 3.0 | EC000237 |
| ETIM 4.0 | EC000237 |
| ETIM 5.0 | EC000237 |
| ETIM 6.0 | EC000237 |
| ETIM 7.0 | EC000237 |

### UNSPSC

| | |
|---|---|
| UNSPSC 6.01 | 26121620 |
| UNSPSC 7.0901 | 26121620 |
| UNSPSC 11 | 26121620 |
| UNSPSC 12.01 | 26121620 |
| UNSPSC 13.2 | 26121620 |
| UNSPSC 18.0 | 26121620 |
| UNSPSC 19.0 | 26121620 |
| UNSPSC 20.0 | 26121620 |
| UNSPSC 21.0 | 26121620 |

## Approvals

### Approvals

Approvals

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

Ex Approvals

### Approval details

# Cable - CABLE-D 9SUB/S/S/100/KONFEK/S - 2305570

## Approvals

| | | | |
|---|---|---|---|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 70002966 |

| | |
|---|---|
| Nominal voltage UN | 125 V |
| Nominal current IN | 1 A |

| | | | |
|---|---|---|---|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |

| | |
|---|---|
| Nominal voltage UN | 125 V |
| Nominal current IN | 2 A |

| | | | |
|---|---|---|---|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |

| | |
|---|---|
| Nominal voltage UN | 125 V |
| Nominal current IN | 2 A |

| | | |
|---|---|---|
| EAC | | RU*-DE.HB*35.B00385 |

| | |
|---|---|
| cULus Recognized | |

## Accessories

### Accessories

### Marker carrier cable

Cable marker carrier - KME - 0807083



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable binders, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm

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