

Cable connector - ST-8ES1N8A8K04S - 1618676

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Cable connector, straight, SPEEDCON locking, M17, Number of positions: 5+3+PE, Type of contact: Socket, Crimp connection, shielded: yes, Cable diameter: 9 mm...11.2 mm

The illustration shows the 8-position version.

Why buy this product

- Reduced size: ideal for compact devices
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly
- Flexible use: reliably connect various cable diameters



Key Commercial Data

| | |
|--------------------------------------|--------------------------------|
| Packing unit | 1 STK |
| GTIN | |
| GTIN | 4046356792141 |
| Weight per Piece (excluding packing) | 31.300 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

General

| | |
|--|---|
| Note | Order information: Order crimp contacts 5 x 0.6 mm, 4 x Ø 1 mm separately |
| Type of locking | SPEEDCON locking |
| Direction of rotation of contact chamber numbering | Standard |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |

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Technical data

General

| | |
|--|------------------|
| Number of positions | 9 |
| Nominal current per power contact at 25°C | 14 A |
| Nominal current per signal contact at 25°C | 3.6 A |
| Conductor entry | 9 mm ... 11.2 mm |
| Pg housing screw connection | none |

Ambient conditions

| | |
|----------------------|-------------------|
| Ambient temperature | -40 °C ... 125 °C |
| Degree of protection | IP67 |

Specifications according to DIN EN 61984:2001

| | |
|--|--------|
| Installation height max. | 3000 m |
| Nominal / operating voltage of power contacts | 630 V |
| Rated surge voltage of power contacts | 6 kV |
| Overvoltage category of power contacts | III |
| Degree of pollution of power contacts | 3 |
| Nominal / operating voltage of signal contacts | 60 V |
| Rated surge voltage of signal contacts | 1.5 kV |
| Overvoltage category of signal contacts | III |
| Degree of pollution of signal contacts | 3 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

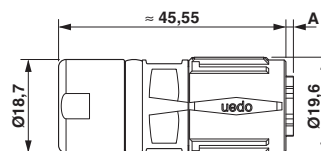
Drawings

Schematic diagram



Connector pin assignment

Dimensional drawing



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27440102 |
| eCl@ss 9.0 | 27440103 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002635 |
| ETIM 5.0 | EC002635 |
| ETIM 6.0 | EC002061 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 39121413 |

Approvals


Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------------------|---|---|---------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 335019 |
| mm ² /AWG/kcmil | 0.5 | | |
| Nominal current I _N | 3.5 A | | |
| Nominal voltage U _N | 600 V | | |

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Approvals

| | | | |
|--------------------|-------|---|---------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 335019 |
| mm²/AWG/kcmil | 0.5 | | |
| Nominal current IN | 3.5 A | | |
| Nominal voltage UN | 600 V | | |

| | | |
|-----|--|---------|
| EAC | | B.01742 |
|-----|--|---------|

| | | |
|------------------|--|---|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
|------------------|--|---|

Accessories

Accessories

Crimp contact

Crimp contact - ST-06KS010 - 1607580



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.08 mm²...0.25 mm²

Crimp contact - ST-06KS020 - 1607581



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.14 mm²...0.34 mm²

Crimp contact - ST-06KS030 - 1607582



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.34 mm²...0.5 mm²

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Accessories

Crimp contact - ST-10KS010 - 1618239



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - ST-10KS020 - 1618251



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.34 mm²...0.5 mm²

Crimp contact - ST-10KS030 - 1618254



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm²...1 mm²

Mounting material

Color-coding - ST-Z0016 - 1617993



Color-coding, Color: green

Color-coding - ST-Z0017 - 1618049



Color-coding, Color: orange

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Accessories

Color-coding - ST-Z0018 - 1618050



Color-coding, Color: black

Protective cover

Plastic dust protection cap - ST-Z0024 - 1621904



Plastic dust protection cap for connectors with M17 Compact knurled nuts and M17 Compact SPEEDCON knurled nuts