

Coupler connector - ST-5ES1N8A9K02S - 1618696

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Coupler connector, straight, SPEEDCON locking, M17, Number of positions: 5+PE, Type of contact: Socket, Crimp connection, shielded: yes, Cable diameter: 3.5 mm...5.5 mm

The illustration shows the 4-position version

Product Features

- 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 pc |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|--|---|
| Note | Order information: Order crimp contacts 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 |
| Number of positions | 6 |
| Contact diameter of power contacts | 1 mm |
| Nominal current per power contact at 25°C | 14 A |
| Contact diameter of signal contacts | 1 mm |

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Technical data

General

| | |
|-----------------------------|-------------------|
| Conductor entry | 3.5 mm ... 5.5 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 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260702 |
| eCl@ss 7.0 | 27440102 |
| eCl@ss 8.0 | 27440102 |

ETIM

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

UNSPSC

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

Approvals

Approvals

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Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------------------|-------|
| UL Recognized | |
| mm ² /AWG/kcmil | 1.0 |
| Nominal current I _N | 6 A |
| Nominal voltage U _N | 600 V |

| | |
|--------------------------------|-------|
| cUL Recognized | |
| mm ² /AWG/kcmil | 1.0 |
| Nominal current I _N | 6 A |
| Nominal voltage U _N | 600 V |

EAC

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

Drawings

Coupler connector - ST-5ES1N8A9K02S - 1618696

Schematic diagram



Connector pin assignment

Dimensional drawing

