

Coupler connector - ST-6ES1N8A9K03S - 1618709

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Coupler connector, straight, SPEEDCON locking, M17, Number of positions: 6+PE, Type of contact: Socket, Crimp connection, shielded: yes, Cable diameter: 5 mm...9.2 mm


The illustration shows the 4-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 |  4 046356 811101 |
| GTIN | 4046356811101 |

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 | 7 |
| Contact diameter of power contacts | 1 mm |
| Nominal current per power contact at 25°C | 14 A |
| Contact diameter of signal contacts | 1 mm |
| Conductor entry | 5 mm ... 9.2 mm |

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Technical data

General

| | |
|-----------------------------|------|
| Pg housing screw connection | none |
|-----------------------------|------|

Ambient conditions

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

Specifications according to DIN EN 61984:2001

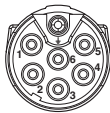
| | |
|---|--------|
| Installation height max. | 3000 m |
| Nominal / operating voltage of power contacts | 630 V |
| Rated surge voltage of power contacts | 6 kV |
| Overvoltage category of power contacts | III |
| Degree of pollution of power contacts | 3 |

Environmental Product Compliance

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

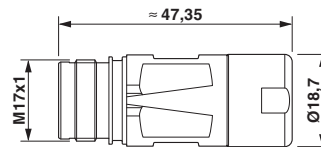
Drawings

Schematic diagram



Connector pin assignment

Dimensional drawing



Approvals

Approvals

Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals

Approval details


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Approvals

| | | | |
|----------------------------|---|---|---------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 335019 |
| | | | |
| mm ² /AWG/kcmil | 1.0 | | |
| Nominal current IN | 6 A | | |
| Nominal voltage UN | 600 V | | |

| | | | |
|----------------------------|---|---|---------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 335019 |
| | | | |
| mm ² /AWG/kcmil | 1.0 | | |
| Nominal current IN | 6 A | | |
| Nominal voltage UN | 600 V | | |

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

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