

## Panel feed-through - ST-8EP1N8ACK04S - 1618820

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Panel feed-through, straight, SPEEDCON locking, M17, Number of positions: 5+3+PE, Type of contact: Male connector, Crimp connection, Flat gasket, 4x Ø 3.2, shielded: yes, Flange dimensions: 25.75 mm x 25.75 mm, Cable diameter: 9 mm...11 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
- ✓ User-specific, suitable for front and rear mounting



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 STK   |
| GTIN                                 | <br>4 046356 817486 |
| GTIN                                 | 4046356817486   |
| Weight per Piece (excluding packing) | 44.300 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  |

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## Technical data

### General

|  |                |
|--|----------------|
| Type of contacts                           | Male connector |
| Number of positions                        | 9              |
| Contact diameter of power contacts         | 1 mm           |
| Nominal current per power contact at 25°C  | 14 A           |
| Contact diameter of signal contacts        | 0.6 mm         |
| Nominal current per signal contact at 25°C | 3.6 A          |
| Conductor entry                            | 9 mm ... 11 mm |
| Pg housing screw connection                | none           |
| Mounting type                              | 4x Ø 3.2       |

### Ambient conditions

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

### Specifications according to DIN EN 61984:2001

|  |        |
|--|--------|
| 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" |

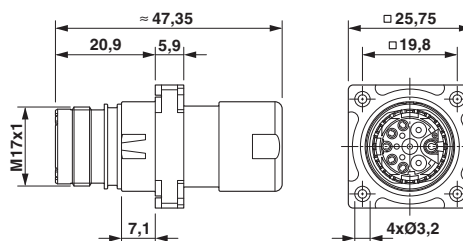
## Drawings

Schematic diagram



Connector pin assignment

Dimensional drawing



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## 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 | 27440103 |
| eCl@ss 9.0 | 27440102 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002635 |
| ETIM 5.0 | EC002061 |
| 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                  |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 335019 |
| mm <sup>2</sup> /AWG/kcmil     | 0.5   |   |               |
| Nominal current I <sub>N</sub> | 3.5 A   |   |               |
| Nominal voltage U <sub>N</sub> | 600 V   |   |               |

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## Approvals

|                            |  |   |               |
|----------------------------|--|---|---------------|
| cUL Recognized             |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 335019 |
| mm <sup>2</sup> /AWG/kcmil |  | 0.5   |               |
| Nominal current IN         |  | 3.5 A   |               |
| Nominal voltage UN         |  | 600 V   |               |

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

|                  |  |   |
|------------------|--|---|
| cULus Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> |
|------------------|--|---|

## Accessories

### Accessories

#### Crimp contact

Crimp contact - ST-06KP010 - 1607577



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.08 mm<sup>2</sup>...0.25 mm<sup>2</sup>

Crimp contact - ST-06KP020 - 1607578



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.14 mm<sup>2</sup>...0.34 mm<sup>2</sup>

Crimp contact - ST-06KP030 - 1607579



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.34 mm<sup>2</sup>...0.5 mm<sup>2</sup>

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### Accessories

Crimp contact - ST-10KP010 - 1618255



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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Crimp contact - ST-10KP020 - 1618256



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.34 mm<sup>2</sup>...0.5 mm<sup>2</sup>

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Crimp contact - ST-10KP030 - 1618261



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm<sup>2</sup>...1 mm<sup>2</sup>

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### Mounting material

Color-coding - ST-Z0016 - 1617993



Color-coding, Color: green

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Color-coding - ST-Z0017 - 1618049



Color-coding, Color: orange

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### Accessories

Color-coding - ST-Z0018 - 1618050



Color-coding, Color: black

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### Protective cover

Plastic dust protection cap - ST-Z0023 - 1621049



Plastic dust protection cap for connectors with M17 Compact external thread