

## Panel feed-through - ST-7EP1N8ACK03S - 1618790

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Panel feed-through, straight, SPEEDCON locking, M17, Number of positions: 7+PE, Type of contact: Pin, Crimp connection, Flat gasket, 4x Ø 3.2, shielded: yes, Flange dimensions: 25.75 mm x 25.75 mm, Cable diameter: 5 mm...9 mm

### 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 817417 |
| GTIN         | 4046356817417                                                                                           |

### 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                                   | Pin                                                       |
| Number of positions                                | 8                                                         |
| Contact diameter of power contacts                 | 1 mm                                                      |
| Nominal current per power contact at 25°C          | 14 A                                                      |
| Contact diameter of signal contacts                | 1 mm                                                      |
| Nominal current per signal contact at 25°C         | 14 A                                                      |

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## Technical data

### General

|                             |               |
|-----------------------------|---------------|
| Conductor entry             | 5 mm ... 9 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

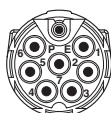
|                                               |       |
|-----------------------------------------------|-------|
| Nominal / operating voltage of power contacts | 630 V |
| Rated surge voltage of power contacts         | 6 kV  |
| Overvoltage category of power contacts        | III   |
| Degree of pollution of power contacts         | 3     |

### Environmental Product Compliance

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

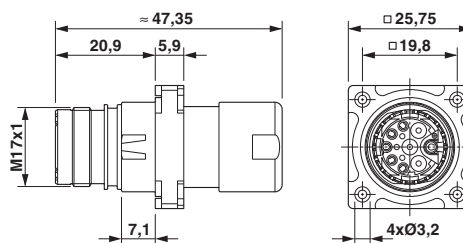
## Drawings

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              |  | <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 |  | 1.0                                                                                                                                                   |               |
| Nominal current IN         |  | 5 A                                                                                                                                                   |               |
| Nominal voltage UN         |  | 600 V                                                                                                                                                 |               |

|                            |  |                                                                                                                                                       |               |
|----------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 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 |  | 1.0                                                                                                                                                   |               |
| Nominal current IN         |  | 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> |
|------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|

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