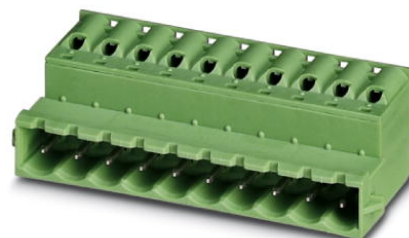


## FKIC 2,5/ 2-ST-5,08-RN

Order No.: 1925867

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1925867>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Article with engagement nose

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| GTIN (EAN)               | 4017918819927      |
| sales group              | E131               |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.00385 KG         |
| Catalog page information | Page 225 (CC-2009) |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

|                     |         |
|---------------------|---------|
| Pitch               | 5.08 mm |
| Dimension a         | 5.08 mm |
| Number of positions | 2       |

#### Technical data

|                                     |                     |
|-------------------------------------|---------------------|
| Insulating material group           | I                   |
| Rated surge voltage (III/3)         | 4 kV                |
| Rated surge voltage (III/2)         | 4 kV                |
| Rated surge voltage (II/2)          | 4 kV                |
| Rated voltage (III/2)               | 320 V               |
| Rated voltage (II/2)                | 630 V               |
| Connection in acc. with standard    | EN-VDE              |
| Nominal current $I_N$               | 12 A                |
| Nominal voltage $U_N$               | 320 V               |
| Nominal cross section               | 2.5 mm <sup>2</sup> |
| Maximum load current                | 12 A                |
| Insulating material                 | PA                  |
| Inflammability class acc. to UL 94  | V0                  |
| Internal cylindrical gage           | A2                  |
| Stripping length                    | 10 mm               |
| Nominal voltage, UL/CUL Use Group B | 250 V               |
| Nominal current, UL/CUL Use Group B | 10 A                |
| Nominal voltage, UL/CUL Use Group D | 300 V               |
| Nominal current, UL/CUL Use Group D | 10 A                |

#### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                                  | 24                   |
| Conductor cross section AWG/kcmil max                                                   | 12                   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup> |
| Minimum AWG according to UL/CUL                                                         | 26                  |
| Maximum AWG according to UL/CUL                                                         | 12                  |

#### Certificates / Approvals



Certification

CB, CUL, GOST, UL, VDE-PZI

#### CUL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 26-12 |

#### UL

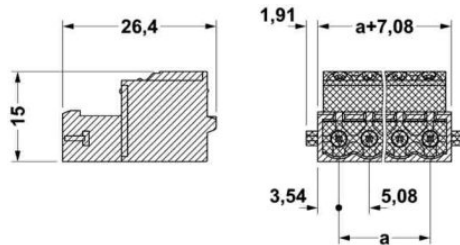
|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 26-12 |

#### Accessories

| Item                | Designation    | Description                                                                                                                                          |
|---------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b>     |                |                                                                                                                                                      |
| 1876880             | STZ 8-FKC-5,08 | Strain relief for snapping into the latching chambers of the plug components, 8-pos.                                                                 |
| 1876877             | STZ 4-FKC-5,08 | Strain relief for snapping into the latching chambers of the plugs, 4-pos.                                                                           |
| <b>Plug/Adapter</b> |                |                                                                                                                                                      |
| 1734401             | CR-MSTB        | Coding section, inserted into the recess in the header or the inverted plug, red insulating material                                                 |
| 0201647             | RPS            | Reducing plug, Color: gray                                                                                                                           |
| <b>Tools</b>        |                |                                                                                                                                                      |
| 1205053             | SZS 0,6X3,5    | Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval |

## Diagrams/Drawings

### Dimensioned drawing



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