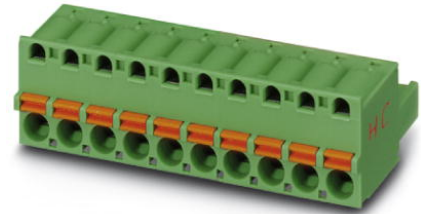


**FKC 2,5 HC/ 8-ST-5,08**

Order No.: 1942439

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1942439>

Plug component, Nominal current: 16 A, Nom. voltage: 250 V, Pitch:  
5.08 mm, Number of positions: 8, Connection type: Spring-cage conn.,  
Color: green

**Commercial data**

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918880255      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.014585 KG        |
| Catalog page information | Page 352 (CC-2009) |

**Product notes**

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



[http://  
www.download.phoenixcontact.com](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         | 35.56 mm |
| Number of positions | 8        |

#### 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 $I_N$              | 16 A                                                    |
| Nominal voltage $U_N$              | 250 V                                                   |
| Nominal cross section              | 2.5 mm <sup>2</sup>                                     |
| Maximum load current               | 16 A (with 2.5 mm <sup>2</sup> conductor cross section) |
| Insulating material                | PA                                                      |
| Inflammability class acc. to UL 94 | V0                                                      |
| Internal cylindrical gage          | A2                                                      |
| Stripping length                   | 10 mm                                                   |

#### Connection data

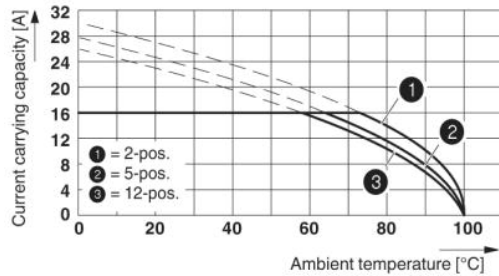
|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 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.                 | 1.5 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>  |

## Accessories

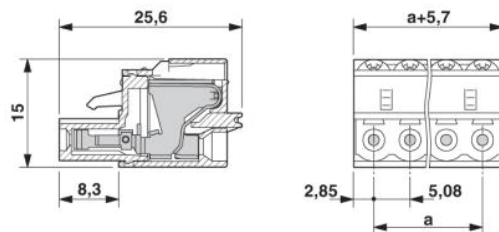
| Item                | Designation              | Description                                                                                                                                                                 |
|---------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>Marking</b>      |                          |                                                                                                                                                                             |
| 0804303             | SK 5,08/3,8: 0-9         | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 12 identical decades marked 0-9, sufficient for 120 terminal blocks                              |
| 0804293             | SK 5,08/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks                         |
| 0805085             | SK 5,08/3,8:SO           | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white |
| 0805412             | SK 5,08/3,8:UNBEDRUCKT   | Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with the M-PEN                                   |
| <b>Plug/Adapter</b> |                          |                                                                                                                                                                             |
| 1734634             | CP-MSTB                  | Keying profile, is inserted into the slot on the plug or inverted header, red insulating material                                                                           |
| 0201731             | MPS-IH BK                | Insulating sleeve, for MPS metal part, Color: black                                                                                                                         |
| 0201689             | MPS-IH BU                | Insulating sleeve, for MPS metal part, Color: blue                                                                                                                          |
| 0201702             | MPS-IH GN                | Insulating sleeve, for MPS metal part, Color: green                                                                                                                         |
| 0201728             | MPS-IH GY                | Insulating sleeve, for MPS metal part, Color: gray                                                                                                                          |
| 0201676             | MPS-IH RD                | Insulating sleeve, for MPS metal part, Color: red                                                                                                                           |
| 0201715             | MPS-IH VT                | Insulating sleeve, for MPS metal part, Color: violet                                                                                                                        |
| 0201663             | MPS-IH WH                | Insulating sleeve, for MPS metal part, Color: white                                                                                                                         |
| 0201692             | MPS-IH YE                | Insulating sleeve, for MPS metal part, Color: yellow                                                                                                                        |
| 0201744             | MPS-MT                   | Metal part for test connector                                                                                                                                               |
| 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                        |

## Drawings

### Diagram



### Dimensioned drawing



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