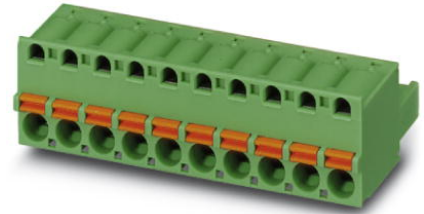


## FKC 2,5/ 2-ST

Order No.: 1910351

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1910351>

Plug component, nominal current: 12 A, rated voltage: 250 V,  
pitch: 5.0 mm, no. of positions: 2, type of connection: Spring-cage  
connection

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918175139      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.003828 KG        |
| Catalog page information | Page 184 (CC-2007) |

### 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 mm |
| Dimension a         | 5 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 $U_N$              | 250 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               |

**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>  |

## Certificates / Approvals

### Approval logo



#### CSA

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |
| AWG/kcmil             | 24-12 |

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |
| AWG/kcmil             | 26-12 |

#### UL

|                       |                                 |
|-----------------------|---------------------------------|
| Nominal voltage $U_N$ | 300 V                           |
| Nominal current $I_N$ | 10 A                            |
| AWG/kcmil             | 26-12                           |
| Certification         | CB, CSA, CUL, GOST, UL, VDE-PZI |

## Accessories

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

#### Assembly

|         |                |                                                                                      |
|---------|----------------|--------------------------------------------------------------------------------------|
| 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.           |

#### Marking

|         |                       |                                                                                                                                                     |
|---------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 0804183 | SK 5/3,8: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 |
|---------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

#### Plug/Adapter

|         |         |                                                                                                   |
|---------|---------|---------------------------------------------------------------------------------------------------|
| 1734634 | CP-MSTB | Coding profile, is inserted into the slot on the plug or inverted header, red insulating material |
|---------|---------|---------------------------------------------------------------------------------------------------|

|         |        |                                                                                     |
|---------|--------|-------------------------------------------------------------------------------------|
| 0201744 | MPS-MT | Test plug, consisting of: Metal part for 2.3 mm diameter socket hole                |
| 0201647 | RPS    | Reducing plug, for transition from 4 mm diameter test plug socket, insulation: gray |

**Tools**

|         |             |                                                                                                                                                      |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

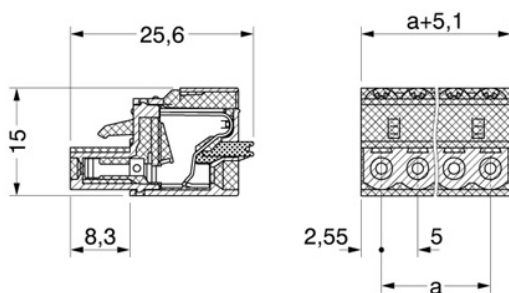
**Additional products**

| Item           | Designation       | Description                                                                                                        |
|----------------|-------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                   |                                                                                                                    |
| 0707109        | DFK-MSTB 2,5/ 2-G | Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.0 mm, no. of positions: 2, mounting: Direct mounting |
| 1899841        | EMSTBA 2,5/ 2-G   | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Press in        |
| 1914852        | EMSTBVA 2,5/ 2-G  | Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.0 mm, no. of positions: 2, mounting: press in        |
| 1762046        | MDSTB 2,5/ 2-G    | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1846519        | MDSTBA 2,5/ 2-G   | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1763032        | MDSTBV 2,5/ 2-G   | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1845785        | MDSTBVA 2,5/ 2-G  | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1802443        | MDSTBW 2,5/ 2-G   | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1754436        | MSTB 2,5/ 2-G     | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1768189        | MSTB 2,5/ 2-G-LA  | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1757475        | MSTBA 2,5/ 2-G    | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1770481        | MSTBA 2,5/ 2-G-LA | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1753437        | MSTBV 2,5/ 2-G    | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |
| 1755516        | MSTBVA 2,5/ 2-G   | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering       |

|         |                 |                                                                                                              |
|---------|-----------------|--------------------------------------------------------------------------------------------------------------|
| 1736111 | MSTBW 2,5/ 2-G  | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering |
| 1769230 | SMSTB 2,5/ 2-G  | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering |
| 1769803 | SMSTBA 2,5/ 2-G | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 2, mounting: Soldering |

## Drawings

### Dimensioned drawing



**Address**

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