

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

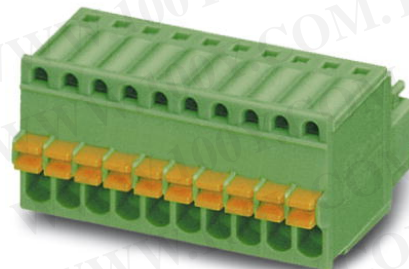


Extract from the online  
catalog

## FK-MC 0,5/ 6-ST-2,5

Order No.: 1881367

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1881367>

Plug component, Nominal current: 4 A, Nom. voltage: 100 V, Pitch:  
2.5 mm, Number of positions: 6, Connection type: Spring-cage conn.,  
Color: green

| Commercial data          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918156619      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.003891 KG        |
| Catalog page information | Page 136 (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                |         |
|-------------------------------|---------|
| <b>Dimensions / positions</b> |         |
| Pitch                         | 2.5 mm  |
| Dimension a                   | 12.5 mm |
| Number of positions           | 6       |

勝特力材料 886-8-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

#### Technical data

|                                    |  |
|------------------------------------|--|
| Insulating material group          | I  |
| Rated surge voltage (III/3)        | 1.5 kV   |
| Rated surge voltage (III/2)        | 2.5 kV   |
| Rated surge voltage (II/2)         | 2.5 kV   |
| Rated voltage (III/2)              | 160 V  |
| Rated voltage (II/2)               | 320 V  |
| Connection in acc. with standard   | EN-VDE   |
| Nominal current $I_N$              | 4 A  |
| Nominal voltage $U_N$              | 100 V  |
| Nominal cross section              | 0.5 mm <sup>2</sup>                                    |
| Maximum load current               | 4 A (with 0.5 mm <sup>2</sup> conductor cross section) |
| Insulating material                | PA   |
| Inflammability class acc. to UL 94 | V0   |
| Stripping length                   | 8 mm   |

#### Connection data

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.   | 0.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 0.5 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. | 0.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 20                   |

#### Certificates / Approvals



Certification

CB, CUL, GOST, UL, VDE-PZI

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 125 V |
| Nominal current $I_N$ | 4 A   |

|                       |       |
|-----------------------|-------|
| AWG/kcmil             | 28-20 |
| <b>UL</b>             |       |
| Nominal voltage $U_N$ | 125 V |
| Nominal current $I_N$ | 4 A   |
| AWG/kcmil             | 28-20 |

**Accessories**

| Item           | Designation              | Description  |
|----------------|--------------------------|--|
| <b>Marking</b> |                          |  |
| 0804853        | SK 2,54/2,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks |
| <b>Tools</b>   |                          |  |
| 1205202        | SZS 0,4X2,0              | Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade width: 2.5 mm, without approvals                        |

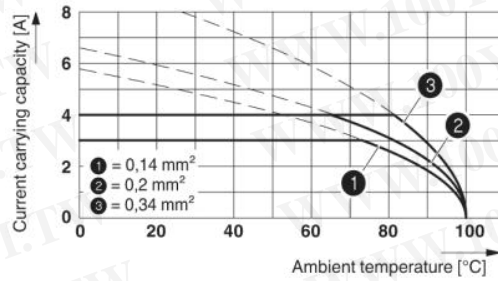
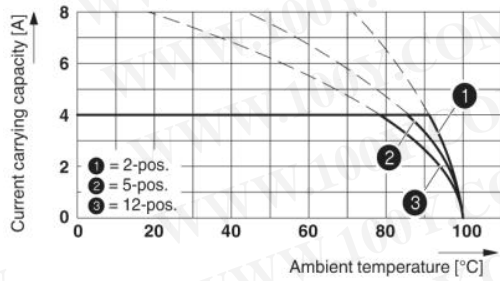
**Additional products**

| Item           | Designation        | Description  |
|----------------|--------------------|--|
| <b>General</b> |                    |  |
| 1881480        | MC 0,5/ 6-G-2,5    | Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1894846        | MCD 0,5/ 6-G1-2,5  | Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1894956        | MCDV 0,5/ 6-G1-2,5 | Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1881590        | MCV 0,5/ 6-G-2,5   | Header, Nominal current: 4 A, Nom. voltage: 80 V, Pitch: 2.5 mm, Number of positions: 6, Color: green, Assembly: Soldering |

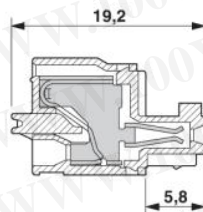
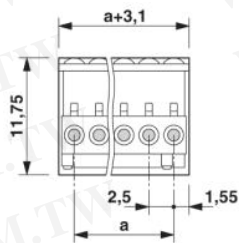
勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

**Diagrams/Drawings**

**Diagram**



**Dimensioned drawing**



勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

FK-MC 0,5/ 6-ST-2,5 Order No.: 1881367

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1881367>

---

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

© 2010 Phoenix Contact  
Technical modifications reserved;