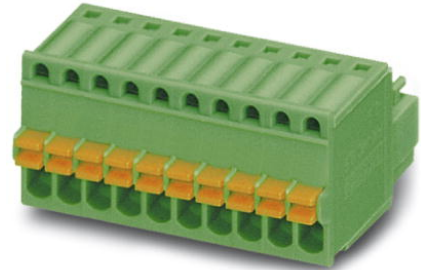


## FK-MC 0,5/ 6-ST-2,5

Order No.: 1881367

The figure shows a 10-position version of the product

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

Plug, nominal current: 4 A, rated voltage: 100 V, pitch: 2.5 mm,  
number of positions: 6, connection method: Spring-cage connection

### Commercial data

EAN	4017918156619
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.003891 KG
Catalog page information	Page 120 (CC-2007)

### 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	2.5 mm
Dimension a	12.5 mm
Number of positions	6

**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**



**CUL**

Nominal voltage $U_N$	125 V
Nominal current $I_N$	4 A
AWG/kcmil	28-20

### UL

Nominal voltage $U_N$	125 V
Nominal current $I_N$	4 A
AWG/kcmil	28-20
Certification	CB, CUL, GOST, UL, VDE-PZI

### Accessories

Item	Designation	Description
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

### Tools

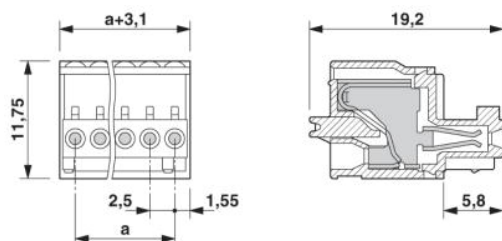
1205202	SZS 0,4X2,0	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade width: 2.5 mm, without approvals
---------	-------------	---

### Additional products

Item	Designation	Description
1881480	MC 0,5/ 6-G-2,5	Header, nominal current: 4 A, rated voltage: 80 V, pitch: 2.5 mm, no. of positions: 6, mounting: Soldering
1894846	MCD 0,5/ 6-G1-2,5	Header, nominal current: 4 A, rated voltage: 80 V, pitch: 2.5 mm, no. of positions: 6, mounting: Soldering
1894956	MCDV 0,5/ 6-G1-2,5	Header, nominal current: 4 A, rated voltage: 80 V, pitch: 2.5 mm, no. of positions: 6, mounting: Soldering
1881590	MCV 0,5/ 6-G-2,5	Header, nominal current: 4 A, rated voltage: 80 V, pitch: 2.5 mm, no. of positions: 6, mounting: Soldering

### Drawings

#### Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2008 Phoenix Contact  
Technical modifications reserved;