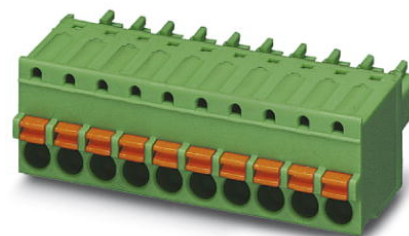


## FK-MCP 1,5/12-ST-3,81

Order No.: 1851148

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1851148>

Plug component, nominal current: 8 A, rated voltage: 160 V, pitch:  
3.81 mm, no. of positions: 12, type of connection: Spring-cage  
connection

Commercial data	
EAN	4017918109653
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.01133 KG
Catalog page information	Page 132 (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	3.81 mm
Dimension a	41.91 mm
Number of positions	12

#### Technical data

Insulating material group	I
Rated surge voltage (III/3)	2.5 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 $I_N$	8 A
Nominal voltage $U_N$	160 V
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A (with 1.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A1
Stripping length	9 mm

#### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 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.	1.5 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.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16

#### Certificates / Approvals



**CSA**

Nominal voltage $U_N$	300 V
Nominal current $I_N$	8 A
AWG/kcmil	28-16

**CUL**

Nominal voltage $U_N$	300 V
Nominal current $I_N$	8 A
AWG/kcmil	28-16

**UL**

Nominal voltage $U_N$	300 V
Nominal current $I_N$	8 A
AWG/kcmil	28-16
Certification	CB, CSA, CUL, GOST, UL, VDE-PZI

**Accessories**

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

**Marking**

1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804109	SK 3,81/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks
0805056	SK 3,81/2,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 14 identical marker strips per card, max. 25-position labeling per strip, color: White
0803883	SK U/2,8 WH:UNBEDRUCKT	Unprinted marker cards, DIN A4 format, pitch as desired, self-adhesive, with 50 stamped marker strips, 185 mm strip length, can be labeled with the CMS system or manually with the M-PEN

**Tools**

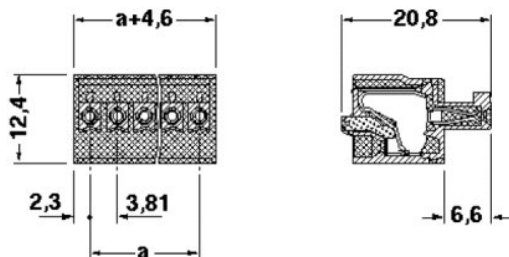
1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade: 0.4 x 2.5 mm
---------	-------------	--

### Additional products

Item	Designation	Description
<b>General</b>		
1897908	EMC 1,5/12-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: press in
1860744	EMCV 1,5/12-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: press in
1857980	IMC 1,5/12-ST-3,81	Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, type of connection: Screw connection
1803374	MC 1,5/12-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering
1908868	MC 1,5/12-G-3,81 THT	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: SMD / THT
1830059	MCD 1,5/12-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering
1843172	MCD 1,5/12-G1-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering
1830509	MCDV 1,5/12-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering
1847835	MCDV 1,5/12-G1-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering
1803523	MCV 1,5/12-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering
1837531	MCVDU 1,5/12-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering
1832837	MCVK 1,5/12-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Mounting rail
1827376	SMC 1,5/12-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, 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;