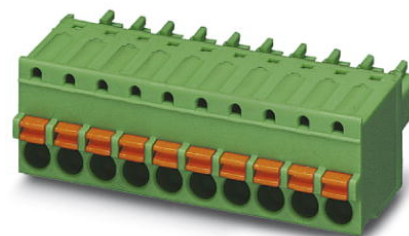


## FK-MCP 1,5/10-ST-3,81

Order No.: 1851122

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1851122>

Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch:  
3.81 mm, Number of positions: 10, Connection type: Spring-cage  
conn., Color: green

Commercial data	
EAN	4017918109677
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.00962 KG
Catalog page information	Page 150 (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**

Dimensions / positions	
Pitch	3.81 mm
Dimension a	34.29 mm
Number of positions	10

**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**



Certification CB, CSA, CUL, GOST, UL, VDE-PZI

**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

**Accessories**

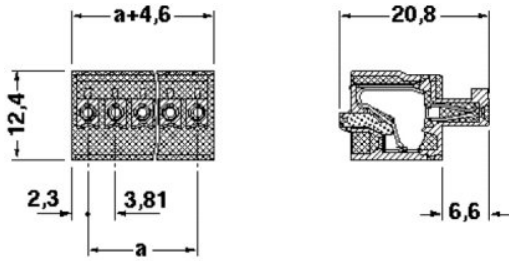
Item	Designation	Description
<b>Marking</b>		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804109	SK 3,81/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 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
<b>Tools</b>		
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>		
1897885	EMC 1,5/10-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Press-in
1860728	EMCV 1,5/10-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Press-in
1857964	IMC 1,5/10-ST-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Connection type: Screw connection, Color: green
1803358	MC 1,5/10-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering
1908842	MC 1,5/10-G-3,81 THT	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: black, Assembly: SMD/THT/THR
1830033	MCD 1,5/10-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering
1843156	MCD 1,5/10-G1-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering
1830486	MCDV 1,5/10-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering
1847819	MCDV 1,5/10-G1-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering
1861808	MCO 1,5/10-GL-3,81	Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering
1861727	MCO 1,5/10-GR-3,81	Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering
1803507	MCV 1,5/10-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering
1837515	MCVDU 1,5/10-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering
1832811	MCVK 1,5/10-G-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Assembly: DIN rail, Color: green
1827350	SMC 1,5/10-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Color: green, Assembly: Soldering

### Diagrams/Drawings

Dimensioned drawing



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