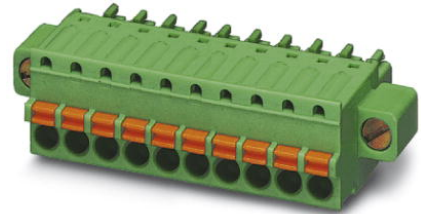


FK-MCP 1,5/13-STF-3,81

Order No.: 1851342

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1851342>

Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch:
3.81 mm, Number of positions: 13, Connection type: Spring-cage
conn., Color: green

Commercial data

EAN	4017918110161
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01298 KG
Catalog page information	Page 151 (CC-2009)

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	3.81 mm
Dimension a	45.72 mm
Number of positions	13

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 ²
Maximum load current	8 A (with 1.5 mm ² 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 ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm ²
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
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

Tools

1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm
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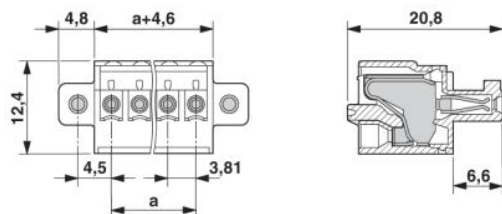
Additional products

Item	Designation	Description
1829442	DFK-MC 1,5/13-GF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Assembly: Direct mounting
1897050	EMC 1,5/13-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Color: green, Assembly: Press-in
1879395	EMCV 1,5/13-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Assembly: Press-in

1858141	IMC 1,5/13-STGF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Connection type: Screw connection, Color: green
1827978	MC 1,5/13-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Assembly: Soldering
1843033	MCD 1,5/13-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Color: green, Assembly: Soldering
1830211	MCD 1,5/13-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Color: green, Assembly: Soldering
1842872	MCDV 1,5/13-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Color: green, Assembly: Soldering
1830363	MCDV 1,5/13-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Color: green, Assembly: Soldering
1830703	MCV 1,5/13-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Assembly: Soldering
1832989	MCVK 1,5/13-GF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Assembly: DIN rail
1833137	MCVU 1,5/13-GFD-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Assembly: Direct mounting
1827538	SMC 1,5/13-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 13, Color: green, Assembly: Soldering

Diagrams/Drawings

Dimensioned drawing



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