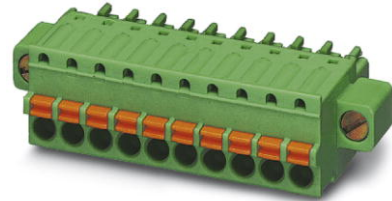


FK-MCP 1,5/12-STF-3,81


Order No.: 1851339

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1851339>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V,
Number of positions: 12, Pitch: 3.81 mm, Connection method: Spring-
cage conn., Color: green

Commercial data

GTIN (EAN)	 4 017918 110062
sales group	E101
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 187 (CC-2011)

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

Range of articles	FK-MCP 1,5/...-STF
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
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

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

Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	16

Certificates / Approvals



Certification

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

Accessories

Item	Designation	Description
Marking		
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 VDE	Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

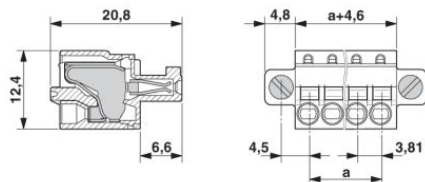
Additional products

Item	Designation	Description
General		
1829439	DFK-MC 1,5/12-GF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Solder/Slip-on connection, Color: green, Assembly: Direct mounting
1897047	EMC 1,5/12-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Press-in
1879382	EMCV 1,5/12-GF-3,81	Header, Nominal current: 8 A, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Press-in
1858138	IMC 1,5/12-STGF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Screw connection, Color: green
1827965	MC 1,5/12-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Soldering

1909139	MC 1,5/12-GF-3,81 THT	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: black, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: http://www.combicon.com
1843017	MCD 1,5/12-G1F-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830208	MCD 1,5/12-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1842869	MCDV 1,5/12-G1F-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830350	MCDV 1,5/12-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830693	MCV 1,5/12-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1832976	MCVK 1,5/12-GF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: DIN rail
1833124	MCVU 1,5/12-GFD-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Direct mounting
1827525	SMC 1,5/12-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: green, Assembly: Soldering

Diagrams/Drawings

Dimensioned drawing



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