

## **Excellent Integrated System Limited**

Stocking Distributor

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[Phoenix Contact](#)  
[1851368](#)

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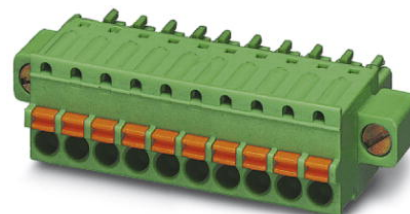


Extract from the online catalog

## FK-MCP 1,5/15-STF-3,81

Order No.: 1851368

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1851368>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn

Commercial data	
GTIN (EAN)	
sales group	E101
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 151 (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	53.34 mm
Number of positions	15

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**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 <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
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 <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

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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
<b>Marking</b>		
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
<b>Tools</b>		
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
<b>General</b>		
1829468	DFK-MC 1,5/15-GF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting
1897076	EMC 1,5/15-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1879418	EMCV 1,5/15-GF-3,81	Header, Nominal current: 8 A, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1858167	IMC 1,5/15-STGF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1827994	MC 1,5/15-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering

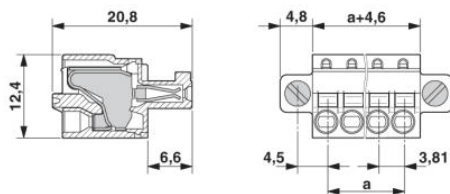
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1843059	MCD 1,5/15-G1F-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830237	MCD 1,5/15-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1842898	MCDV 1,5/15-G1F-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830389	MCDV 1,5/15-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830729	MCV 1,5/15-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1833001	MCVK 1,5/15-GF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: DIN rail
1833153	MCVU 1,5/15-GFD-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting
1827554	SMC 1,5/15-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 15, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering

### Diagrams/Drawings

Dimensioned drawing



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