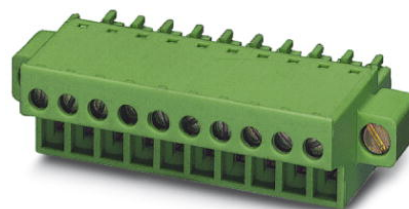


FRONT-MC 1,5/11-STF-3,81

Order No.: 1850945

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1850945>

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

Commercial data

GTIN (EAN)	4017918109585
Note	Made-to-order
sales group	E101
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01561 KG
Catalog page information	Page 147 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
11/30/2005



<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	38.1 mm
Number of positions	11
Screw thread	M2
Tightening torque, min	0.22 Nm

Tightening torque max	0.25 Nm
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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
Nominal voltage, UL/CUL Use Group B	250 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.	28
Conductor cross section AWG/kcmil max	16

2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	16

Certificates / Approvals



Certification

CB, CSA, CUL, 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	30-16

UL

Nominal voltage U _N	300 V
Nominal current I _N	8 A
AWG/kcmil	30-16

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	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm

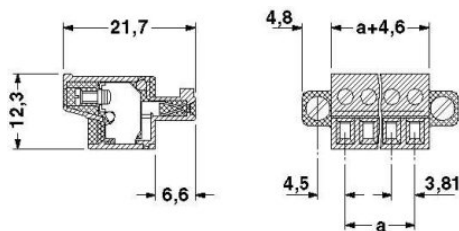
Additional products

Item	Designation	Description
General		
1829426	DFK-MC 1,5/11-GF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting
1897034	EMC 1,5/11-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1879379	EMCV 1,5/11-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1858125	IMC 1,5/11-STGF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1827952	MC 1,5/11-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1843004	MCD 1,5/11-G1F-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, 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.
1830198	MCD 1,5/11-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, 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.
1842856	MCDV 1,5/11-G1F-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, 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.
1830347	MCDV 1,5/11-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, 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.

1830680	MCV 1,5/11-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1832963	MCVK 1,5/11-GF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: DIN rail
1833111	MCVU 1,5/11-GFD-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting
1827512	SMC 1,5/11-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Diagrams/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>



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