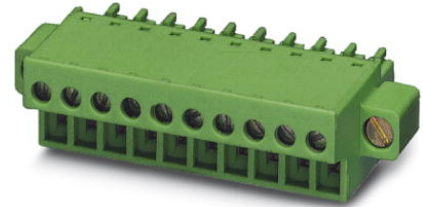


FRONT-MC 1,5/ 6-STF-3,81

Order No.: 1850893

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1850893>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V,
Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw
connection, Color: green, Contact surface: Tin

Commercial data

EAN	 4 017918 109905
Pack	50 pcs.
Customs tariff	85366990
Gross weight in pieces	0.00885 KG
Net weight per piece (exclusive packing)	0.0084 KG
Catalog page information	Page 183 (CC-2011)

Product notes

WEEE/RoHS-compliant since:
01/25/2005



[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	19.05 mm
Number of positions	6
Screw thread	M2

Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Technical data

Range of articles	FRONT-MC 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 according 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.	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

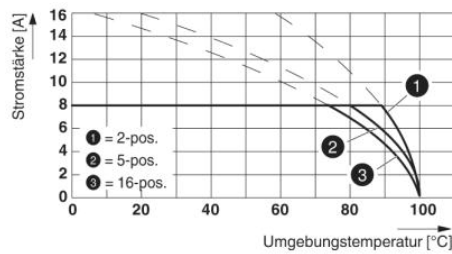
CSA, cULus Recognized, VDE Gutachten mit
Fertigungsüberwachung, IECCEB CB Scheme

Certifications applied for:

Certification Ex:

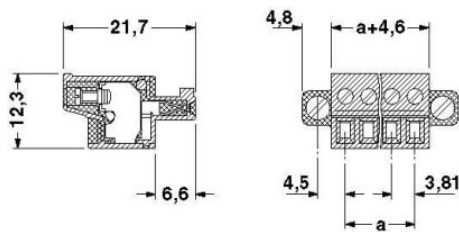
Diagrams/Drawings

Diagram



Type: FRONT-MC 1,5/...-STF-3,81 with SMC 1,5/...-GF-3,81

Dimensioned drawing



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