

MC 1,5/ 5-ST-3,81

Order No.: 1803604

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.se/phoenix/treeViewClick.do?UID=1803604>

Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch:
3.81 mm, Number of positions: 5, Connection type: Screw connection,
Color: green

Commercial data

EAN	4017918045913
Pack	50
Customs tariff	85366990
Catalog page information	Page 126 (CC-2007)

Product notes

WEEE/RoHS-compliant since:
2003-01-01



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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

Height	11.1 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Number of positions	5
Screw thread	M2
Tightening torque, min	0.22 Nm

Tightening torque max	0.25 Nm
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	7 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.	28
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.08 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.08 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

Certificates



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	30-14

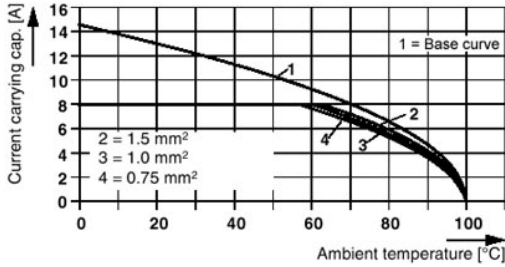
UL

Nominal voltage U_N	300 V
Nominal current I_N	8 A
AWG/kcmil	30-14

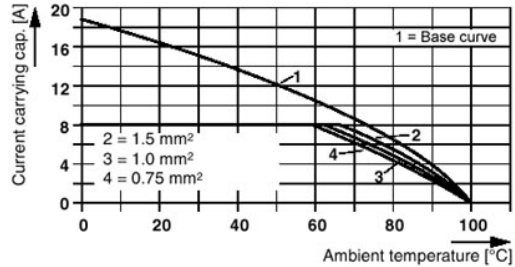
Drawings

Diagram

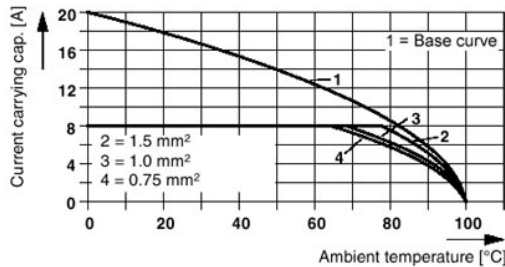
Plug: MC 1,5/5-ST(F)-3,81
 Header: MCD(V)1,5/5-G(F)-3,81



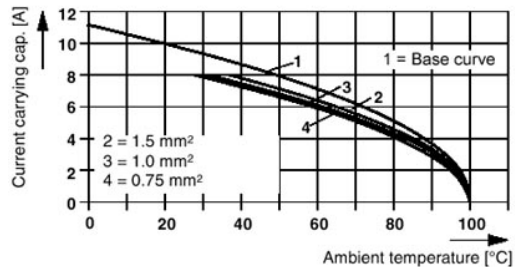
Plug: MC 1,5/5-ST(F)-3,81
 Header: MCD(V) 1,5/5-G1(F)-3,81



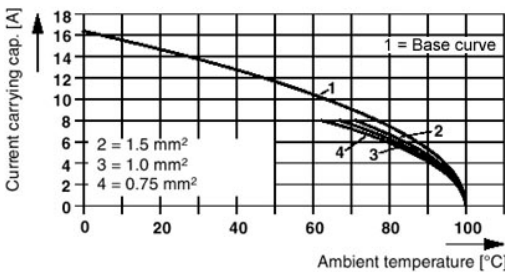
Plug: MC 1,5/5-ST(F)-3,81(3,5)
 Header: MCV 1,5/5-G(F)-3,81(3,5)



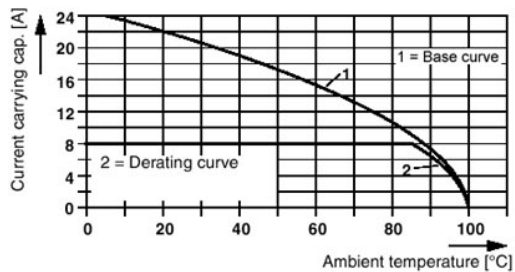
Plug: MC 1,5/5-ST(F)-3,81(3,5)
 Header: EMC 1,5/5-G(F)-3,81(3,5)



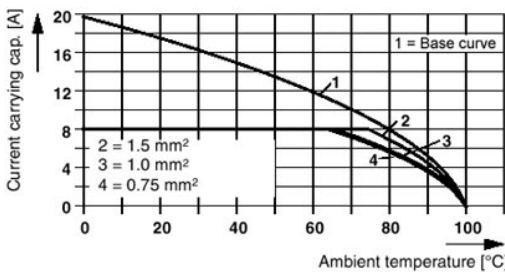
Plug: MC 1,5/5-ST(F)-3,81(3,5)
 Header: EMCV 1,5/5-G(F)-3,81(3,5)



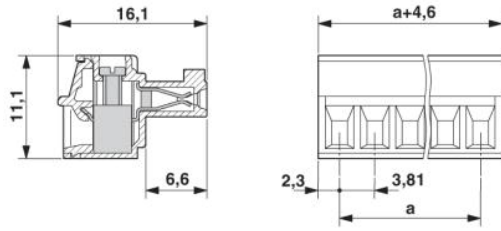
Plug: MC 1,5/5-G(F)-3,81
 Header: IMC(V) 1,5/5-G(F)-3,81



Plug: MC 1,5/5-ST(F)-3,81
 Header: SMC 1,5/5-G(F)-3,81



Dimensioned drawing



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