

MC 1,5/20-STF-3,81


Order No.: 1848452

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1848452>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V,
Number of positions: 20, Pitch: 3.81 mm, Connection method: Screw
connection, Color: green

Commercial data

GTIN (EAN)	
sales group	E101
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 83 (CC-2005)

Product notes

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



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Technical data

Dimensions / positions

Height	11.1 mm
Pitch	3.81 mm
Dimension a	72.39 mm
Number of positions	20

Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Technical data

Range of articles	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 acc. to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 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.	0.08 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
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

Certificates / Approvals



Certification

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

Accessories

Item	Designation	Description
General		
1834343	KGG-MC 1,5/ 2	Cable housing, Pitch: 0 mm, Number of positions: 2, Dimension a: 10.01 mm, Color: green
1834385	KGG-MC 1,5/ 6	Cable housing, Pitch: 0 mm, Number of positions: 6, Dimension a: 25.25 mm, Color: green

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
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Tools

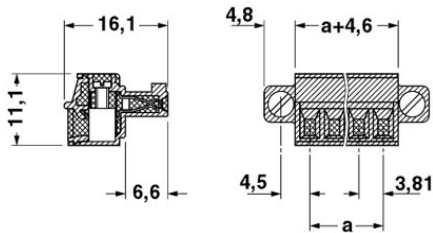
1205037	SZS 0,4X2,5 VDE	Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip
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Additional products

Item	Designation	Description
General		
1848449	MC 1,5/20-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 20, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1844964	MCV 1,5/20-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 20, Pitch: 3.81 mm, Color: green, Assembly: Soldering

Diagrams/Drawings

Dimensioned drawing



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