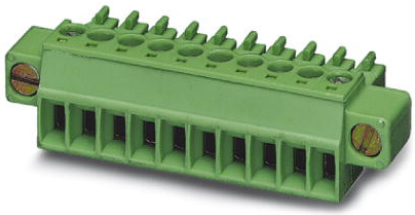
Extract from the online catalog

MC 1,5/ 2-STF-3,81

Order No.: 1827703

The figure shows a 10-position version of the product



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1827703

Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Connection type: Screw connection, Color: green

Commercial data	
EAN	4017918050160
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.002602 KG
Catalog page information	Page 143 (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	3.81 mm
Number of positions	2
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 mm²
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 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.08 mm²
2 conductors with same cross section, solid max.	0.5 mm²

2 conductors with same cross section, stranded min.	0.08 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²

Certificates / Approvals

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

Accessories

Item	Designation	Description
General		
1834343	KGG-MC 1,5/ 2	Cable housing, Pitch: 3.81 mm, Number of positions: 2, Dimension a: 10.01 mm, Color: green
1834385	KGG-MC 1,5/ 6	Cable housing, Pitch: 3.81 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
Tools		
1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm² connection cross section, blade: 0.4 x 2.5 mm

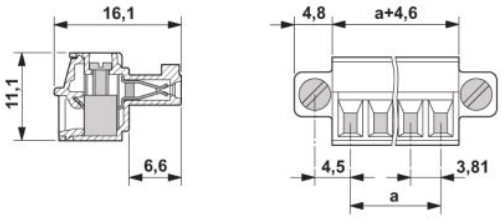
Additional products

Item	Designation	Description
General		
1829345	DFK-MC 1,5/ 2-GF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Direct mounting
1896941	EMC 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Press-in
1879285	EMCV 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Press-in
1858031	IMC 1,5/ 2-STGF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1827868	MC 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Soldering
1908871	MC 1,5/ 2-GF-3,81 THT	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: black, Assembly: SMD/THT/ THR
1842911	MCD 1,5/ 2-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Soldering
1830101	MCD 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Soldering
1842762	MCDV 1,5/ 2-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Soldering

1830253	MCDV 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Soldering
1830596	MCV 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Soldering
1833027	MCVU 1,5/ 2-GFD-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Assembly: Direct mounting, Color: green
1827428	SMC 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 2, Color: green, Assembly: Soldering

Diagrams/Drawings

Dimensioned drawing



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