

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



Extract from the online
catalog

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

Order No.: 1803604

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/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 pcs.
Customs tariff	85366990
Weight/Piece	0.003952 KG
Catalog page information	Page 142 (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	
Height	11.1 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Number of positions	5

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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-VD E
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 / 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		
1834372	KGG-MC 1,5/ 5	Cable housing, Pitch: 3.81 mm, Number of positions: 5, Dimension a: 21.44 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	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm
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Additional products

Item	Designation	Description
General		
1897830	EMC 1,5/ 5-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Press-in
1860676	EMCV 1,5/ 5-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Press-in
1857919	IMC 1,5/ 5-ST-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Connection type: Screw connection, Color: green
1803303	MC 1,5/ 5-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering
1908790	MC 1,5/ 5-G-3,81 THT	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: black, Assembly: SMD/THT/THR
1829989	MCD 1,5/ 5-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering
1843101	MCD 1,5/ 5-G1-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering
1830431	MCDV 1,5/ 5-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering
1847754	MCDV 1,5/ 5-G1-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering
1861756	MCO 1,5/ 5-GL-3,81	Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering
1861675	MCO 1,5/ 5-GR-3,81	Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering
1803455	MCV 1,5/ 5-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering
1837463	MCVDU 1,5/ 5-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering
1832769	MCVK 1,5/ 5-G-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Assembly: DIN rail, Color: green

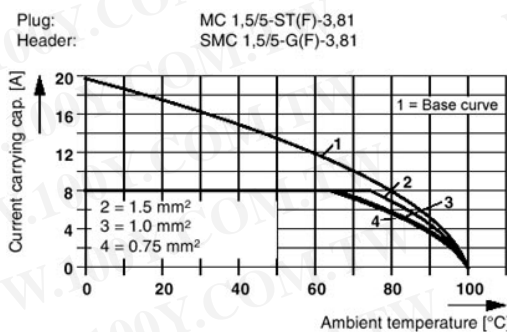
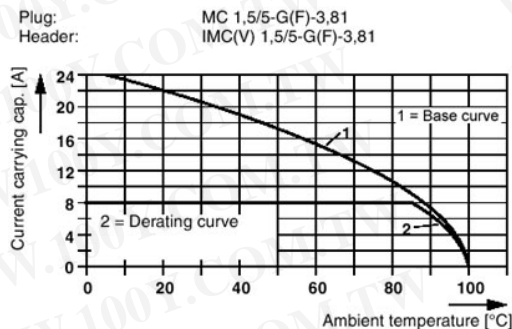
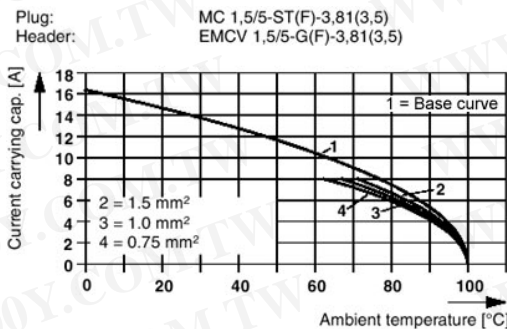
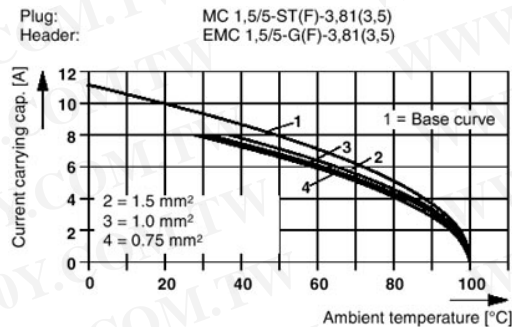
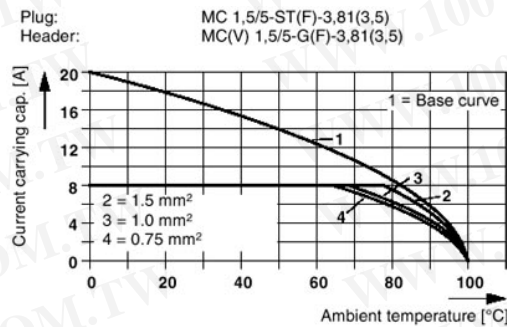
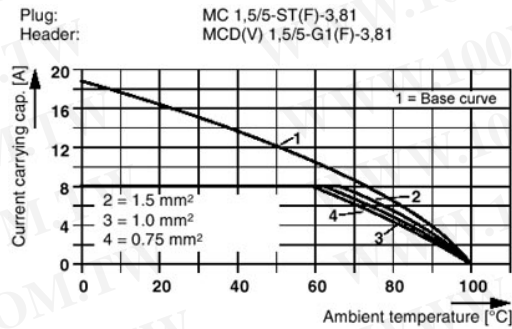
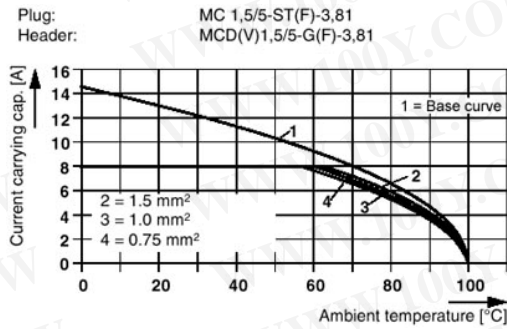
1827305

SMC 1,5/ 5-G-3,81

Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Color: green, Assembly: Soldering

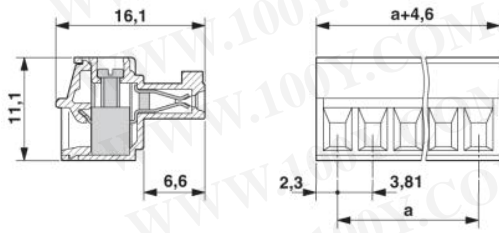
Diagrams/Drawings

Diagram



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Dimensioned drawing



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