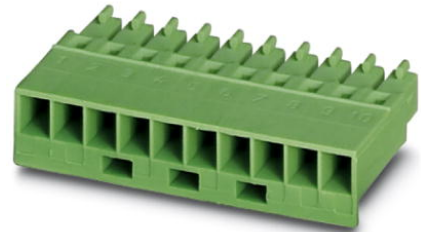


MCC 1/ 9-STZ-3,81

Order No.: 1852244

The illustration shows a 16-position version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1852244>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

Commercial data

GTIN (EAN)	4017918143817
Note	Made-to-order
sales group	E104
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.002942 KG
Catalog page information	Page 158 (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	30.48 mm
Number of positions	9

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 mm ²
Maximum load current	8 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Nominal voltage, UL/CUL Use Group B	250 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 stranded min.	0.2 mm ²
Conductor cross section stranded max.	1 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	18
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	18

Certificates / Approvals



Certification CUL, UL

CUL

Nominal voltage U_N	300 V
Nominal current I_N	5 A

AWG/kcmil	24-22
-----------	-------

UL

Nominal voltage U_N	300 V
Nominal current I_N	5 A
AWG/kcmil	24-22

Accessories

Item	Designation	Description
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

Plug/Adapter

1859988	MCC-MT 0,2-0,35	Female contact, is inserted into the plug after crimping the conductor, for the module plug housing MCC 1...-STZ-3,81 and MCC 1...-STZF-3,81, for cross sections of 0.2 mm ² to 0.34 mm ²
1859991	MCC-MT 0,5-1,0	Female contact, is inserted into the plug after crimping the conductor, for the module plug housing MCC 1...-STZ-3,81 and MCC 1...-STZF-3,81, for cross sections of 0.5 mm ² to 1 mm ²
1840214	STZ 2-PCC 4-7,62	Strain relief, for the 3 to 4-position MCC 1/...STZ-3,81 and MCC 1/...STZF-3,81 plugs, for snapping into the latching chambers, can be labeled with ZB 6
1840227	STZ 3-PCC 4-7,62	Strain relief, for the 5 to 10-position MCC 1/...STZ-3,81 and MCC 1/...STZF-3,81 plugs, for snapping into the latching chambers, can be labeled with ZB 6
1842005	STZ 5-PCC 4-7,62 GN	Strain relief, for the 11 to 15-position MCC 1/...STZ-3,81 and MCC 1/...STZF-3,81 plugs, for snapping into the latching chambers, can be labeled with ZB 6
1840230	STZ 8-PCC 4-7,62	Strain relief, for the 16 to 20-position MCC 1/...STZ-3,81 and MCC 1/...STZF-3,81 plugs, for snapping into the latching chambers, can be labeled with ZB 6

Tools

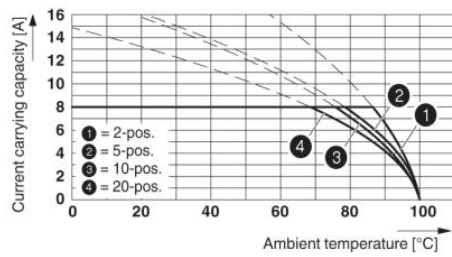
1772793	CRIMPFOX-1,6-ER-1,50-GH	Crimping tool, for IBS DSUB.../C
1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm

Additional products

Item	Designation	Description
General		
1897872	EMC 1,5/ 9-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1860715	EMCV 1,5/ 9-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1857951	IMC 1,5/ 9-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1803345	MC 1,5/ 9-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1908839	MC 1,5/ 9-G-3,81 THT	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: black, Metal surface: Sn, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: http://www.combicon.com
1830020	MCD 1,5/ 9-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1843143	MCD 1,5/ 9-G1-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830473	MCDV 1,5/ 9-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1847806	MCDV 1,5/ 9-G1-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1861798	MCO 1,5/ 9-GL-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1861714	MCO 1,5/ 9-GR-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1803497	MCV 1,5/ 9-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1837502	MCVDU 1,5/ 9-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1832808	MCVK 1,5/ 9-G-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: DIN rail
1827347	SMC 1,5/ 9-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering

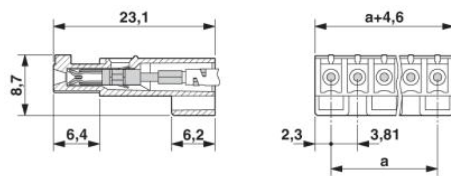
Diagrams/Drawings

Diagram



Type: MCC 1/...-ST-3,81 with MC 1,5/...-G-3,81; contact:
MCC-MT 0,5 - 1,0

Dimensioned drawing



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2010 Phoenix Contact
Technical modifications reserved;