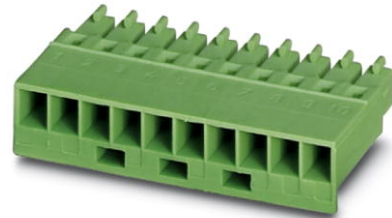


MCC 1/ 7-STZ-3,81


Order No.: 1852228

The illustration shows a 16-position version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1852228>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, 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)	 4 017918 143800
sales group	E104
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 194 (CC-2011)

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	22.86 mm
Number of positions	7

Technical data

Range of articles	MCC 1/...-STZ
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	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 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

Accessories

Item	Designation	Description
General		
1923717	MCC-MT 0,2-0,35 (0,0) BA	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
1898622	MCC-MT 0,5-1,0 BAND	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
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 VDE	Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

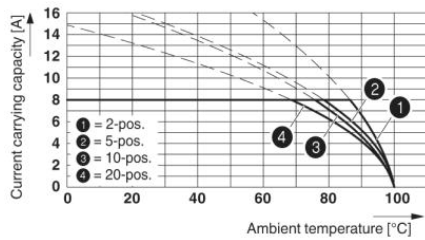
Additional products

Item	Designation	Description
General		
1897856	EMC 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Press-in
1860692	EMCV 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Press-in
1857935	IMC 1,5/ 7-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Screw connection, Color: green
1803329	MC 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1908813	MC 1,5/ 7-G-3,81 THT	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: black, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: http://www.combicon.com
1830004	MCD 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1843127	MCD 1,5/ 7-G1-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830457	MCDV 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1847783	MCDV 1,5/ 7-G1-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1861772	MCO 1,5/ 7-GL-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1861691	MCO 1,5/ 7-GR-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1803471	MCV 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering

1837489	MCVDU 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1832785	MCVK 1,5/ 7-G-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: DIN rail
1827321	SMC 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Assembly: Soldering

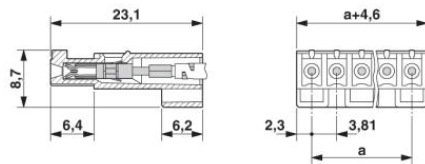
Diagrams/Drawings

Diagram



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

Dimensioned drawing



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