

## MCC 1/ 2-STZF-3,81

Order No.: 1852367

The illustration shows a 16-position version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1852367>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Connection method: Crimp connection, Color: Green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

### Commercial data

GTIN (EAN)	 4 017918 143923
Note	Made-to-order
sales group	E104
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 195 (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	3.81 mm
Number of positions	2

**Technical data**

Range of articles	MCC 1/...-STZF
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 <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded max.	1 mm <sup>2</sup>
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

<b>Accessories</b>		
Item	Designation	Description
<b>General</b>		
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 <sup>2</sup> to 0.34 mm <sup>2</sup>
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 <sup>2</sup> to 1 mm <sup>2</sup>
<b>Marking</b>		
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
<b>Plug/Adapter</b>		
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 <sup>2</sup> to 0.34 mm <sup>2</sup>
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 <sup>2</sup> to 1 mm <sup>2</sup>
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
<b>Tools</b>		
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

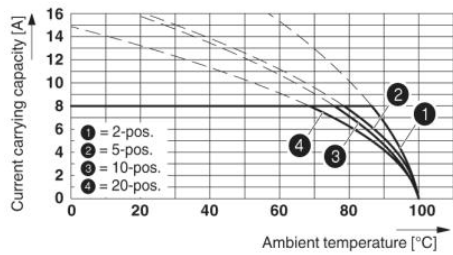
**Additional products**

Item	Designation	Description
<b>General</b>		
1829345	DFK-MC 1,5/ 2-GF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Connection method: Solder/Slip-on connection, Color: Green, Assembly: Direct mounting
1896941	EMC 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Press-in
1879285	EMCV 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Press-in
1858031	IMC 1,5/ 2-STGF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Connection method: Screw connection, Color: Green
1827868	MC 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Soldering
1908871	MC 1,5/ 2-GF-3,81 THT	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Black, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: <a href="http://www.combicon.com">http://www.combicon.com</a>
1842911	MCD 1,5/ 2-G1F-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830101	MCD 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1842762	MCDV 1,5/ 2-G1F-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830253	MCDV 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830596	MCV 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Soldering
1833027	MCVU 1,5/ 2-GFD-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Direct mounting

1827428	SMC 1,5/ 2-GF-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: Green, Assembly: Soldering
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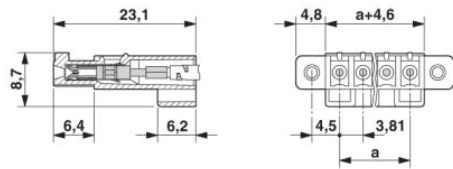
**Diagrams/Drawings**

Diagram



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

Dimensioned drawing



**Address**

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