

MCC 1/ 8-STZF-3,81

Order No.: 1852422

The illustration shows a 16-position version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1852422>

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

Commercial data

EAN	4017918143954
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.00324 KG
Catalog page information	Page 159 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



[http://
www.download.phoenixcontact.com](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
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Technical data

Dimensions / positions

Pitch	3.81 mm
Dimension a	26.67 mm
Number of positions	8

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

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

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

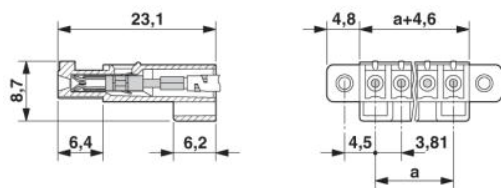
Additional products

Item	Designation	Description
General		
1827596	DFK-MC 1,5/ 8-GF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Assembly: Direct mounting
1897005	EMC 1,5/ 8-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Color: green, Assembly: Press-in
1879340	EMCV 1,5/ 8-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Assembly: Press-in

1858099	IMC 1,5/ 8-STGF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Connection type: Screw connection, Color: green
1827923	MC 1,5/ 8-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Assembly: Soldering
1909090	MC 1,5/ 8-GF-3,81 THT	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Color: black, Assembly: SMD/THT/THR
1842979	MCD 1,5/ 8-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Color: green, Assembly: Soldering
1830169	MCD 1,5/ 8-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Assembly: Soldering
1842827	MCDV 1,5/ 8-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Color: green, Assembly: Soldering
1830318	MCDV 1,5/ 8-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Color: green, Assembly: Soldering
1830651	MCV 1,5/ 8-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Assembly: Soldering
1832934	MCVK 1,5/ 8-GF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Assembly: DIN rail
1833085	MCVU 1,5/ 8-GFD-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Assembly: Direct mounting
1827486	SMC 1,5/ 8-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Color: green, Assembly: Soldering

Diagrams/Drawings

Dimensioned drawing



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