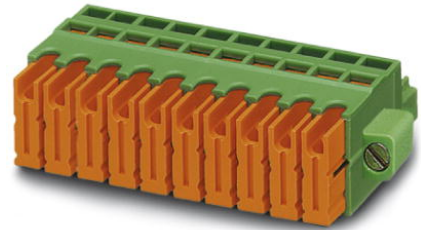


QC 0,5/12-STF-3,81

Order No.: 1897649

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1897649>

Plug component, Nominal current: 6 A, Nom. voltage: 320 V, Pitch:
3.81 mm, Number of positions: 12, Connection type: Insulation
displacement connection QUICKON, Color: green

Commercial data

EAN	4017918165147
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01129 KG
Catalog page information	Page 157 (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
General Terms and Conditions of
Use apply to Internet downloads.

Technical data

Dimensions / positions

Pitch	3.81 mm
Dimension a	41.91 mm
Number of positions	12

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)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal voltage U_N	320 V
Nominal cross section	0.5 mm ²
Maximum load current	6 A (with 0.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0

Connection data

Conductor cross section stranded min.	0.34 mm ²
Conductor cross section stranded max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	20

Certificates / Approvals



Certification

CB, CUL, GOST, UL, VDE-PZI

CUL

Nominal voltage U_N	300 V
Nominal current I_N	6 A
AWG/kcmil	24-20

UL

Nominal voltage U_N	300 V
Nominal current I_N	6 A
AWG/kcmil	24-20

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
Tools		
1205202	SZS 0,4X2,0	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade width: 2.5 mm, without approvals

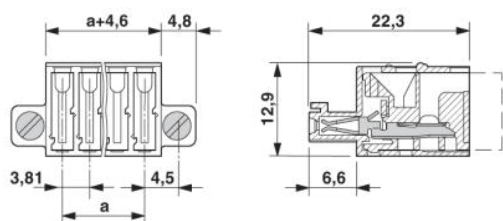
Additional products

Item	Designation	Description
General		
1829439	DFK-MC 1,5/12-GF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Direct mounting
1897047	EMC 1,5/12-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Press-in
1879382	EMCV 1,5/12-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Press-in
1858138	IMC 1,5/12-STGF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Connection type: Screw connection, Color: green
1827965	MC 1,5/12-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Soldering
1909139	MC 1,5/12-GF-3,81 THT	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: black, Assembly: SMD/THT/THR
1843017	MCD 1,5/12-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Soldering
1830208	MCD 1,5/12-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Soldering
1842869	MCDV 1,5/12-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Soldering
1830350	MCDV 1,5/12-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Soldering
1830693	MCV 1,5/12-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Soldering

1832976	MCVK 1,5/12-GF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Assembly: DIN rail, Color: green
1833124	MCVU 1,5/12-GFD-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Assembly: Direct mounting, Color: green
1827525	SMC 1,5/12-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Soldering

Diagrams/Drawings

Dimensioned drawing



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