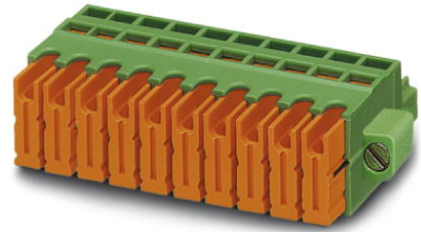


## QC 0,5/16-STF-3,81

Order No.: 1897681

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1897681>

Plug component, Nominal current: 6 A, Nom. voltage: 320 V, Pitch:  
3.81 mm, Number of positions: 16, Connection type: Insulation  
displacement connection QUICKON, Color: green

### Commercial data

EAN	4017918165185
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01469 KG
Catalog page information	Page 157 (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	57.15 mm
Number of positions	16

#### 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
Maximum load current	6 A (with 0.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0

#### Connection data

Conductor cross section stranded min.	0.34 mm <sup>2</sup>
Conductor cross section stranded max.	0.5 mm <sup>2</sup>
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
<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>Tools</b>		
1205202	SZS 0,4X2,0	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade width: 2.5 mm, without approvals

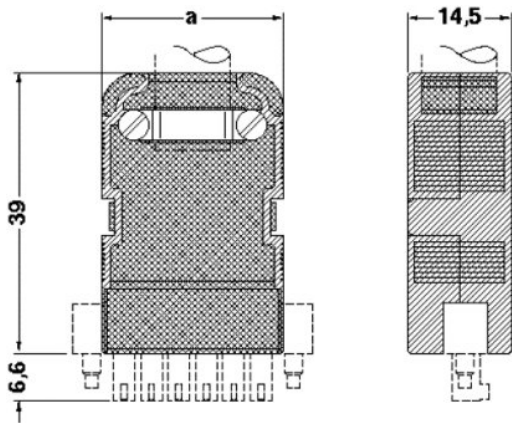
**Additional products**

Item	Designation	Description
<b>General</b>		
1829471	DFK-MC 1,5/16-GF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Direct mounting
1897089	EMC 1,5/16-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Press-in
1879421	EMCV 1,5/16-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Press-in
1858170	IMC 1,5/16-STGF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Connection type: Screw connection, Color: green
1828003	MC 1,5/16-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Soldering
1843062	MCD 1,5/16-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Soldering
1830240	MCD 1,5/16-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Soldering
1842908	MCDV 1,5/16-G1F-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Soldering
1830392	MCDV 1,5/16-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Soldering
1830732	MCV 1,5/16-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Soldering
1833014	MCVK 1,5/16-GF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Assembly: DIN rail, Color: green

1833166	MCVU 1,5/16-GFD-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Assembly: Direct mounting, Color: green
1827567	SMC 1,5/16-GF-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 16, Color: green, Assembly: Soldering

### Diagrams/Drawings

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;