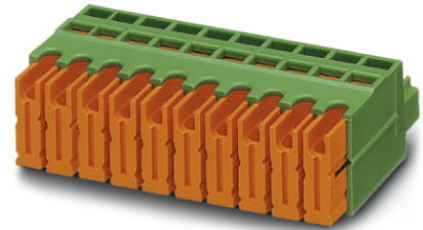


## QC 0,5/ 7-ST-3,81

Order No.: 1897445

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1897445>

Plug component, Nominal current: 6 A, Nom. voltage: 320 V, Pitch:  
3.81 mm, Number of positions: 7, Connection type: Insulation  
displacement connection QUICKON, Color: green

### Commercial data

EAN	4017918164942
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.006476 KG
Catalog page information	Page 156 (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	22.86 mm
Number of positions	7

**Technical data**

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 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 <sup>2</sup>
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

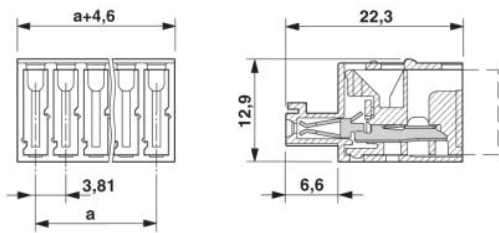
**Additional products**

Item	Designation	Description
<b>General</b>		
1897856	EMC 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Press-in
1860692	EMCV 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Press-in
1857935	IMC 1,5/ 7-ST-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Connection type: Screw connection, Color: green
1803329	MC 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Soldering
1908813	MC 1,5/ 7-G-3,81 THT	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Color: black, Assembly: SMD/THT/THR
1830004	MCD 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Soldering
1843127	MCD 1,5/ 7-G1-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Soldering
1830457	MCDV 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Soldering
1847783	MCDV 1,5/ 7-G1-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Soldering
1861772	MCO 1,5/ 7-GL-3,81	Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Soldering
1861691	MCO 1,5/ 7-GR-3,81	Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Soldering
1803471	MCV 1,5/ 7-G-3,81	Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Color: green, Assembly: Soldering

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

**Diagrams/Drawings**

Dimensioned drawing



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