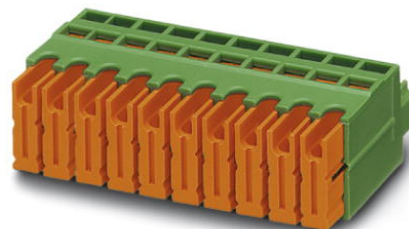


QC 0,5/ 6-ST-3,81

Order No.: 1897432

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1897432>

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

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918164935 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.00543 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 | 19.05 mm |
| Number of positions | 6 |

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 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 |

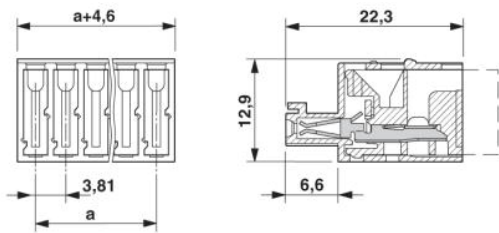
Additional products

| Item | Designation | Description |
|----------------|----------------------|--|
| General | | |
| 1897843 | EMC 1,5/ 6-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Press-in |
| 1860689 | EMCV 1,5/ 6-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Press-in |
| 1857922 | IMC 1,5/ 6-ST-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Connection type: Screw connection, Color: green |
| 1803316 | MC 1,5/ 6-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1908800 | MC 1,5/ 6-G-3,81 THT | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: black, Assembly: SMD/THT/THR |
| 1829992 | MCD 1,5/ 6-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1843114 | MCD 1,5/ 6-G1-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1830444 | MCDV 1,5/ 6-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1847767 | MCDV 1,5/ 6-G1-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1861769 | MCO 1,5/ 6-GL-3,81 | Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1861688 | MCO 1,5/ 6-GR-3,81 | Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1803468 | MCV 1,5/ 6-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Soldering |

| | | |
|---------|---------------------|---|
| 1837476 | MCVDU 1,5/ 6-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Color: green, Assembly: Soldering |
| 1832772 | MCVK 1,5/ 6-G-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Assembly: DIN rail, Color: green |
| 1827318 | SMC 1,5/ 6-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, 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;