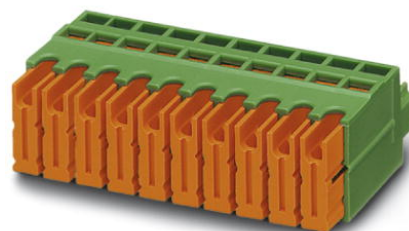


## QC 0,5/ 5-ST-3,81

Order No.: 1897429

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1897429>

Plug, nominal current: 6 A, rated voltage: 320 V, pitch: 3.81 mm,  
number of positions: 5, connection method: Insulation displacement  
connection QUICKON

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918164928      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.00469 KG         |
| Catalog page information | Page 136 (CC-2007) |

### 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         | 15.24 mm |
| Number of positions | 5        |

#### 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

##### Approval logo



##### 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 |

|               |                            |
|---------------|----------------------------|
| Certification | CB, CUL, GOST, UL, VDE-PZI |
|---------------|----------------------------|

#### 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 |

#### Tools

|         |             |                                                                                                                                                   |
|---------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
|---------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

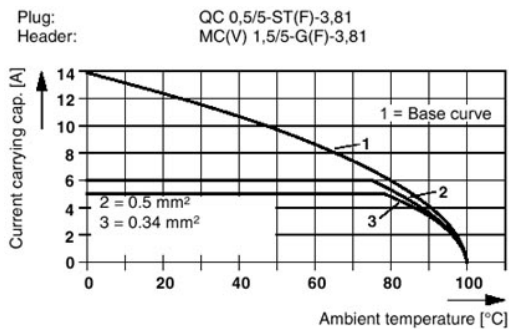
#### Additional products

| Item           | Designation          | Description                                                                                                                           |
|----------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                      |                                                                                                                                       |
| 1897830        | EMC 1,5/ 5-G-3,81    | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Press in                           |
| 1860676        | EMCV 1,5/ 5-G-3,81   | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Press in                           |
| 1857919        | IMC 1,5/ 5-ST-3,81   | Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, type of connection: Screw connection |
| 1803303        | MC 1,5/ 5-G-3,81     | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering                          |
| 1908790        | MC 1,5/ 5-G-3,81 THT | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: SMD/THT                            |
| 1829989        | MCD 1,5/ 5-G-3,81    | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering                          |
| 1843101        | MCD 1,5/ 5-G1-3,81   | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering                          |
| 1830431        | MCDV 1,5/ 5-G-3,81   | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering                          |
| 1847754        | MCDV 1,5/ 5-G1-3,81  | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering                          |
| 1861756        | MCO 1,5/ 5-GL-3,81   | Header, nominal current: 8 A, rated voltage: 125 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering                          |
| 1861675        | MCO 1,5/ 5-GR-3,81   | Header, nominal current: 8 A, rated voltage: 125 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering                          |
| 1803455        | MCV 1,5/ 5-G-3,81    | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering                          |

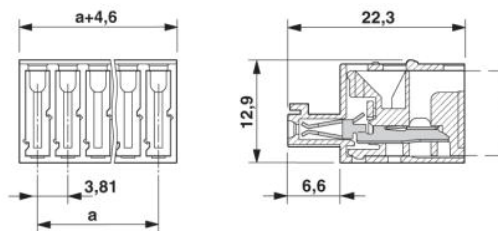
|         |                     |                                                                                                                  |
|---------|---------------------|------------------------------------------------------------------------------------------------------------------|
| 1837463 | MCVDU 1,5/ 5-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering     |
| 1832769 | MCVK 1,5/ 5-G-3,81  | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Mounting rail |
| 1827305 | SMC 1,5/ 5-G-3,81   | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 5, mounting: Soldering     |

## Drawings

### Diagram



### Dimensioned drawing



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