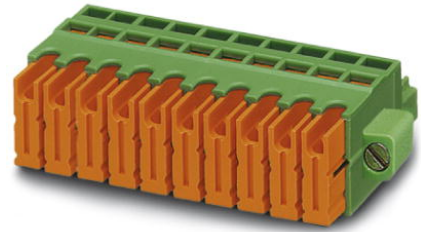


QC 0,5/12-STF-3,81

Order No.: 1897649

The figure shows a 10-position version of the product

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

Plug, nominal current: 6 A, rated voltage: 320 V, pitch: 3.81 mm,
number of positions: 12, connection method: Insulation displacement
connection QUICKON

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918165147 |
| Pack | 50 Pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.01129 KG |
| Catalog page information | Page 137 (CC-2007) |

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 | 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

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

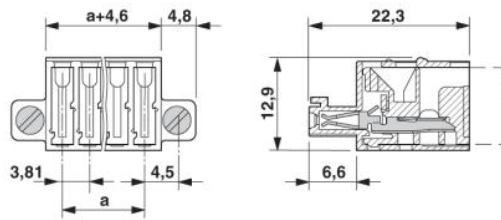
Additional products

| Item | Designation | Description |
|----------------|-----------------------|--|
| General | | |
| 1829439 | DFK-MC 1,5/12-GF-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Direct mounting |
| 1897047 | EMC 1,5/12-GF-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: press in |
| 1879382 | EMCV 1,5/12-GF-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: press in |
| 1858138 | IMC 1,5/12-STGF-3,81 | Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, type of connection: Screw connection |
| 1827965 | MC 1,5/12-GF-3,81 | Headers with threaded flange, nominal current: 8 A, rated voltage: 160 V, pitch: 3,81 mm, no. of positions: 12, mounting: Soldering |
| 1909139 | MC 1,5/12-GF-3,81 THT | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: SMD / THT |
| 1843017 | MCD 1,5/12-G1F-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering |
| 1830208 | MCD 1,5/12-GF-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering |
| 1842869 | MCDV 1,5/12-G1F-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering |
| 1830350 | MCDV 1,5/12-GF-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering |
| 1830693 | MCV 1,5/12-GF-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering |

| | | |
|---------|----------------------|---|
| 1832976 | MCVK 1,5/12-GF-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Mounting rail |
| 1833124 | MCVU 1,5/12-GFD-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Direct mounting |
| 1827525 | SMC 1,5/12-GF-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 12, mounting: Soldering |

Drawings

Dimensioned drawing



Address

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