**Extract from the online catalog**

# MC 1,5/ 4-ST-3,81

Order No.: 1803594

The figure shows a 10-position version of the product



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1803594

Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Connection type: Screw connection, Color: green

| Commercial data | |
|---|---|
| EAN | 4017918045906 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.00322 KG |
| Catalog page information | Page 142 (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

| | |
|---|---|
| Height | 11.1 mm |
| Pitch | 3.81 mm |
| Dimension a | 11.43 mm |
| Number of positions | 4 |

| | |
|---|---|
| Screw thread | M2 |
| Tightening torque, min | 0.22 Nm |
| Tightening torque max | 0.25 Nm |

**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) | 160 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current $I_N$ | 8 A |
| Nominal voltage $U_N$ | 160 V |
| Nominal cross section | 1.5 mm² |
| Maximum load current | 8 A (with 1.5 $mm^2$ conductor cross section) |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A1 |
| Stripping length | 7 mm |

**Connection data**

| | |
|---|---|
| Conductor cross section solid min. | 0.14 mm² |
| Conductor cross section solid max. | 1.5 mm² |
| Conductor cross section stranded min. | 0.14 mm² |
| Conductor cross section stranded max. | 1.5 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 0.5 mm² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 16 |
| 2 conductors with same cross section, solid min. | 0.08 mm² |
| 2 conductors with same cross section, solid max. | 0.5 mm² |

| | |
|---|---|
| 2 conductors with same cross section, stranded min. | 0.08 mm² |
| 2 conductors with same cross section, stranded max. | 0.75 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.34 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm² |

## Certificates / Approvals

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

**CSA**

| | |
|---|---|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 8 A |
| AWG/kcmil | 28-16 |

**CUL**

| | |
|---|---|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 8 A |
| AWG/kcmil | 30-14 |

**UL**

| | |
|---|---|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 8 A |
| AWG/kcmil | 30-14 |

## Accessories

| Item | Designation | Description |
|---|---|---|
| **General** | | |
| 1834369 | KGG-MC 1,5/ 4 | Cable housing, Pitch: 3.81 mm, Number of positions: 4, Dimension a: 17.63 mm, Color: green |

**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**

| | | |
|---|---|---|
| 1205037 | SZS 0,4X2,5 | Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm² connection cross section, blade: 0.4 x 2.5 mm |

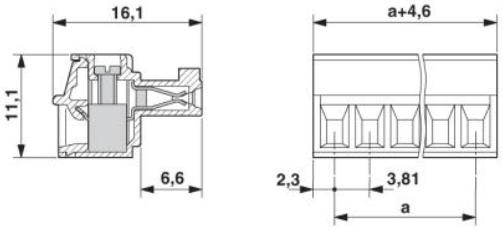
## Additional products

| Item | Designation | Description |
|---|---|---|
| **General** | | |
| 1897827 | EMC 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Press-in |
| 1860663 | EMCV 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Press-in |
| 1857906 | IMC 1,5/ 4-ST-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Connection type: Screw connection, Color: green |
| 1803293 | MC 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |
| 1908787 | MC 1,5/ 4-G-3,81 THT | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: black, Assembly: SMD/THT/ THR |
| 1829976 | MCD 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |
| 1843091 | MCD 1,5/ 4-G1-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |
| 1830428 | MCDV 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |
| 1847741 | MCDV 1,5/ 4-G1-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |
| 1861743 | MCO 1,5/ 4-GL-3,81 | Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |
| 1861662 | MCO 1,5/ 4-GR-3,81 | Header, Nominal current: 8 A, Nom. voltage: 125 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |
| 1803442 | MCV 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |
| 1837120 | MCVDU 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |
| 1832756 | MCVK 1,5/ 4-G-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Assembly: DIN rail, Color: green |

| | | |
|---|---|---|
| 1827295 | SMC 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Color: green, Assembly: Soldering |

## Diagrams/Drawings

Dimensioned drawing



## Address

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