

MC 1,5/ 6-G-3,81

Order No.: 1803316

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1803316>Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm,
Number of positions: 6, Color: green, Assembly: Soldering

| Commercial data | |
|--------------------------|--------------------|
| EAN | 4017918045623 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.001863 KG |
| Catalog page information | Page 174 (CC-2009) |

Product notesWEEE/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**

| | |
|---------------------|--------------|
| Length | 9.2 mm |
| Pitch | 3.81 mm |
| Dimension a | 19.05 mm |
| Number of positions | 6 |
| Pin dimensions | 0,8 x 0,8 mm |

| | |
|------------------------------------|--------|
| Hole diameter | 1.2 mm |
| Technical data | |
| Insulating material group | IIIa |
| 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) | 250 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 8 A |
| Nominal voltage U_N | 160 V |
| Maximum load current | 8 A |
| Insulating material | PBT |
| Inflammability class acc. to UL 94 | V0 |

Certificates / Approvals



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

CSA

| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 8 A |

CUL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 8 A |

UL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 8 A |

Accessories

| Item | Designation | Description |
|---------------------|--------------------------|--|
| General | | |
| 1841174 | MC 1,5/10-LWL 1,5-3,81 | Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 1.5 mm, Color: transparent |
| 1841190 | MC 1,5/10-LWL 2,3-3,81 | Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 2.3 mm, Color: transparent |
| 1841213 | MC 1,5/10-LWL 4-3,81 | Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 4 mm, Color: transparent |
| Marking | | |
| 1051993 | B-STIFT | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |
| 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 |
| 0805056 | SK 3,81/2,8:SO | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 14 identical marker strips per card, max. 25-position labeling per strip, color: White |
| Plug/Adapter | | |
| 1734634 | CP-MSTB | Keying profile, is inserted into the slot on the plug or inverted header, red insulating material |

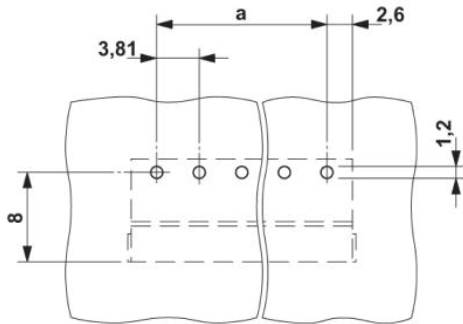
Additional products

| Item | Designation | Description |
|----------------|-------------------------|---|
| General | | |
| 1851083 | FK-MCP 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: Spring-cage conn., Color: green |
| 1850709 | FRONT-MC 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 |
| 1862616 | IMC 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 |
| 1875467 | IMCV 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 |
| 1803617 | MC 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 |

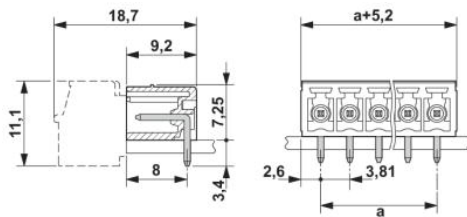
| | | |
|---------|---------------------|--|
| 1852215 | MCC 1/ 6-STZ-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Connection type: Crimp connection, Color: green |
| 1827169 | MCVR 1,5/ 6-ST-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Connection type: Screw connection, Color: green |
| 1827017 | MCVW 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 |
| 1897432 | QC 0,5/ 6-ST-3,81 | 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 |

Diagrams/Drawings

Drilling plan/solder pad geometry



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;