

MC 1,5/18-G-3,81

Order No.: 1841297

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1841297>

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 18, Pitch: 3.81 mm, Color: Green, Assembly: Soldering

Commercial data

| | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 052157 |
| Note | Made-to-order |
| sales group | E100 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 108 (CC-2005) |

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 | 64.77 mm |
| Number of positions | 18 |
| Pin dimensions | 0,8 x 0,8 mm |

| | |
|-------------------------------------|--------------|
| Hole diameter | 1.2 mm |
| Technical data | |
| Range of articles | MC 1,5/...-G |
| 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 |
| Color | Green |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 8 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 8 A |

Certificates / Approvals



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

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

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

Plug/Adapter

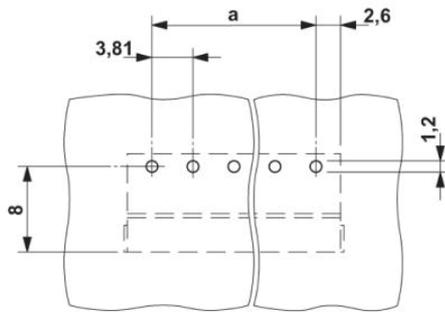
| | | |
|---------|---------|---|
| 1734634 | CP-MSTB | Keying profile, is inserted into the slot on the plug or inverted header, red insulating material |
|---------|---------|---|

Additional products

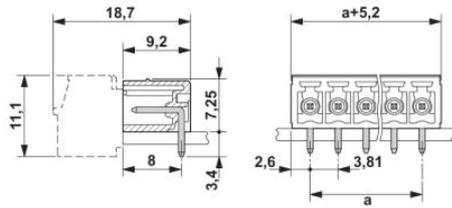
| Item | Designation | Description |
|----------------|-------------------------|---|
| General | | |
| 1851203 | FK-MCP 1,5/18-ST-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 18, Pitch: 3.81 mm, Connection method: Spring-cage conn., Color: Green |
| 1850822 | FRONT-MC 1,5/18-ST-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 18, Pitch: 3.81 mm, Connection method: Screw connection, Color: Green |
| 1840337 | MC 1,5/18-ST-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 18, Pitch: 3.81 mm, Connection method: Screw connection, Color: Green |
| 1852338 | MCC 1/18-STZ-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 18, Pitch: 3.81 mm, Connection method: Crimp connection, Color: Green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991) |

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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