

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

Order No.: 1803280

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1803280>Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm,
Number of positions: 3, Color: green, Assembly: Soldering

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918045593 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.001012 KG |
| Catalog page information | Page 174 (CC-2009) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003

<http://www.download.phoenixcontact.com>
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Technical data

Dimensions / positions

| | |
|---------------------|--------------|
| Length | 9.2 mm |
| Pitch | 3.81 mm |
| Dimension a | 7.62 mm |
| Number of positions | 3 |
| 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 |

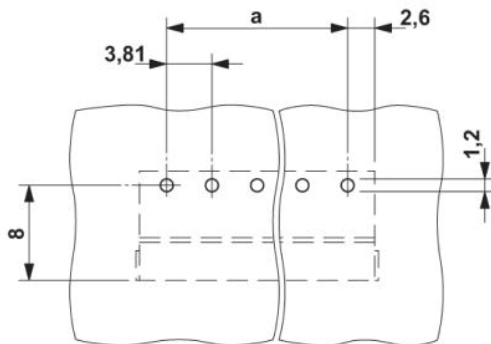
Additional products

| Item | Designation | Description |
|----------------|-------------------------|---|
| General | | |
| 1851054 | FK-MCP 1,5/ 3-ST-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1850673 | FRONT-MC 1,5/ 3-ST-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green |
| 1862580 | IMC 1,5/ 3-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Color: green, Assembly: Soldering |
| 1875438 | IMCV 1,5/ 3-G-3,81 | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Color: green, Assembly: Soldering |
| 1803581 | MC 1,5/ 3-ST-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green |

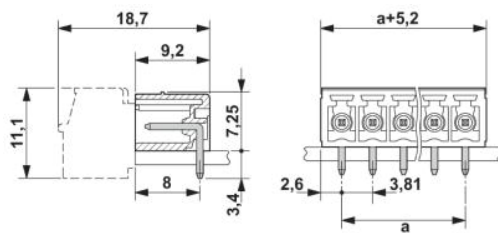
| | | |
|---------|---------------------|--|
| 1852189 | MCC 1/ 3-STZ-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Crimp connection, Color: green |
| 1827130 | MCVR 1,5/ 3-ST-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green |
| 1826982 | MCVW 1,5/ 3-ST-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green |
| 1897403 | QC 0,5/ 3-ST-3,81 | Plug component, Nominal current: 6 A, Nom. voltage: 320 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Insulation displacement connection QUICKON, Color: green |

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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