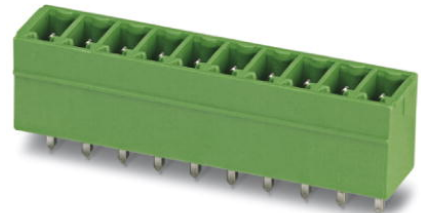


## MCV 1,5/12-G-3,81

Order No.: 1803523

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1803523>

Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm,  
Number of positions: 12, Color: green, Assembly: Soldering

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918045838      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.00331 KG         |
| Catalog page information | Page 175 (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

|                     |              |
|---------------------|--------------|
| Length              | 7.25 mm      |
| Pitch               | 3.81 mm      |
| Dimension a         | 41.91 mm     |
| Number of positions | 12           |
| Pin dimensions      | 0,8 x 0,8 mm |

|                                    |        |
|------------------------------------|--------|
| Hole diameter                      | 1.2 mm |
| <b>Technical data</b>              |        |
| 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                                                                                                                                                                  |
|---------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Marking</b>      |                          |                                                                                                                                                                              |
| 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  |
| <b>Plug/Adapter</b> |                          |                                                                                                                                                                              |
| 1734634             | CP-MSTB                  | Keying profile, is inserted into the slot on the plug or inverted header, red insulating material                                                                            |

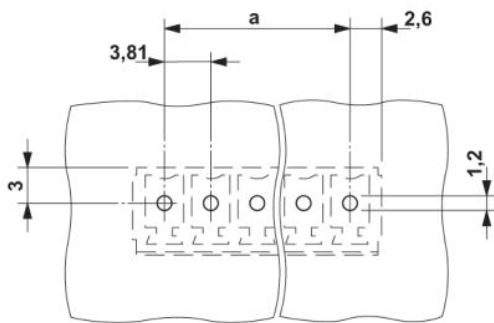
## Additional products

| Item           | Designation             | Description                                                                                                                                          |
|----------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                         |                                                                                                                                                      |
| 1851148        | FK-MCP 1,5/12-ST-3,81   | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Connection type: Spring-cage conn., Color: green |
| 1850767        | FRONT-MC 1,5/12-ST-3,81 | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Connection type: Screw connection, Color: green  |
| 1862674        | IMC 1,5/12-G-3,81       | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Soldering                        |
| 1875522        | IMCV 1,5/12-G-3,81      | Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Color: green, Assembly: Soldering                        |
| 1803675        | MC 1,5/12-ST-3,81       | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Connection type: Screw connection, Color: green  |
| 1852273        | MCC 1/12-STZ-3,81       | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Connection type: Crimp connection, Color: green  |
| 1827224        | MCVR 1,5/12-ST-3,81     | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Connection type: Screw connection, Color: green  |
| 1827075        | MCVW 1,5/12-ST-3,81     | Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, Connection type: Screw connection, Color: green  |

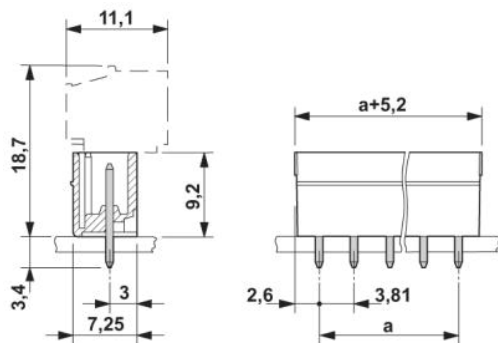
|         |                   |                                                                                                                                                                               |
|---------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1897490 | QC 0,5/12-ST-3,81 | Plug component, Nominal current: 6 A, Nom. voltage: 320 V, Pitch: 3.81 mm, Number of positions: 12, 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>



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