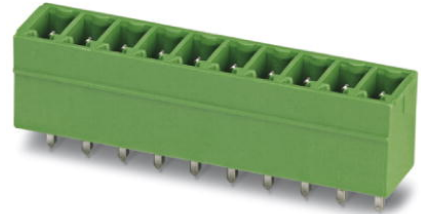


## MCV 1,5/13-G-3,81

Order No.: 1803536

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1803536>

Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no.  
of positions: 13, mounting: Soldering

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918045845      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.0037 KG          |
| Catalog page information | Page 153 (CC-2007) |

### Product notes

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



[http://  
www.download.phoenixcontact.com](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

|                     |              |
|---------------------|--------------|
| Pitch               | 3.81 mm      |
| Dimension a         | 45.72 mm     |
| Number of positions | 13           |
| 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



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

#### Accessories

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

#### 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

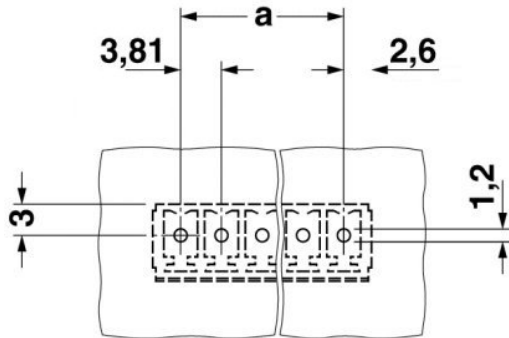
|         |         |                                                                                                   |
|---------|---------|---------------------------------------------------------------------------------------------------|
| 1734634 | CP-MSTB | Coding profile, is inserted into the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

#### Additional products

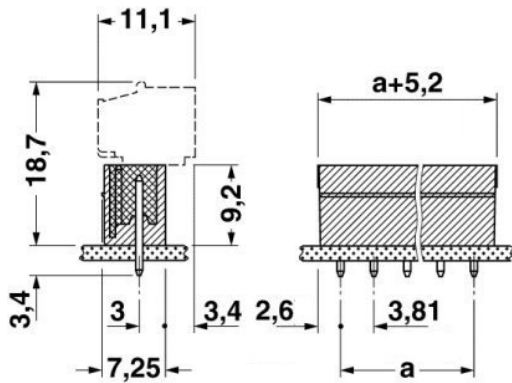
| Item           | Designation             | Description                                                                                                                                              |
|----------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                         |                                                                                                                                                          |
| 1851151        | FK-MCP 1,5/13-ST-3,81   | Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 13, type of connection: Spring-cage connection             |
| 1850770        | FRONT-MC 1,5/13-ST-3,81 | Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 13, type of connection: Screw connection                   |
| 1862687        | IMC 1,5/13-G-3,81       | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 13, mounting: Soldering                                            |
| 1875535        | IMCV 1,5/13-G-3,81      | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 13, mounting: Soldering                                            |
| 1803688        | MC 1,5/13-ST-3,81       | Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 13, type of connection: Screw connection                   |
| 1852286        | MCC 1/13-STZ-3,81       | Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 13, type of connection: Crimp connection                   |
| 1827237        | MCVR 1,5/13-ST-3,81     | Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 13, type of connection: Screw connection                   |
| 1827088        | MCVW 1,5/13-ST-3,81     | Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 13, type of connection: Screw connection                   |
| 1897500        | QC 0,5/13-ST-3,81       | Plug, nominal current: 6 A, rated voltage: 320 V, pitch: 3.81 mm, number of positions: 13, connection method: Insulation displacement connection QUICKON |

## Drawings

### Drilling diagram



### Dimensioned drawing



**Address**

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 00  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2008 Phoenix Contact  
Technical modifications reserved;