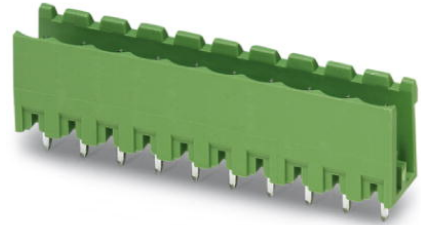


## MSTBV 2,5/12-G-5,08

Order No.: 1758115

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1758115>Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm,  
Number of positions: 12, Color: green, Assembly: Soldering

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918030322      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.005033 KG        |
| Catalog page information | Page 251 (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              | 8.6 mm   |
| Pitch               | 5.08 mm  |
| Dimension a         | 55.88 mm |
| Number of positions | 12       |
| Pin dimensions      | 1 x 1 mm |

|                                    |        |
|------------------------------------|--------|
| Hole diameter                      | 1.4 mm |
| <b>Technical data</b>              |        |
| Insulating material group          | IIIa   |
| Rated surge voltage (III/3)        | 4 kV   |
| Rated surge voltage (III/2)        | 4 kV   |
| Rated surge voltage (II/2)         | 4 kV   |
| Rated voltage (III/2)              | 320 V  |
| Rated voltage (II/2)               | 400 V  |
| Connection in acc. with standard   | EN-VDE |
| Nominal current $I_N$              | 12 A   |
| Nominal voltage $U_N$              | 250 V  |
| Maximum load current               | 12 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 $I_N$ | 10 A  |

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |

#### UL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |

**Accessories**

| Item                | Designation              | Description   |
|---------------------|--------------------------|---|
| <b>Assembly</b>     |                          |   |
| 1755477             | MSTB-BL                  | Keying cap, for forming sections, plugs onto header pin, green insulating material  |
| <b>Marking</b>      |                          |   |
| 1051993             | B-STIFT                  | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm   |
| 0804293             | SK 5,08/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks                         |
| 0805085             | SK 5,08/3,8:SO           | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white |
| 0805412             | SK 5,08/3,8:UNBEDRUCKT   | Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with the M-PEN                                   |
| <b>Plug/Adapter</b> |                          |   |
| 1734401             | CR-MSTB                  | Coding section, inserted into the recess in the header or the inverted plug, red insulating material  |

**Additional products**

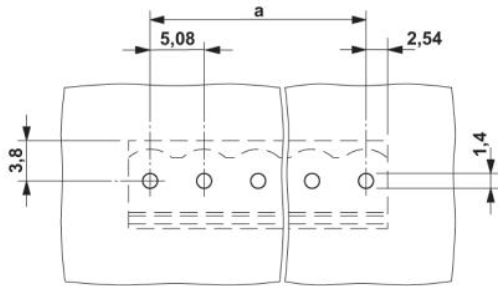
| Item           | Designation          | Description   |
|----------------|----------------------|---|
| <b>General</b> |                      |   |
| 1872790        | A-ICV 2,5/12-G-5,08  | Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 12, Pitch: 5.08 mm, Color: green    |
| 1873155        | FKC 2,5/12-ST-5,08   | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Spring-cage conn., Color: green |
| 1902217        | FKCT 2,5/12-ST-5,08  | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Spring-cage conn., Color: green |
| 1874057        | FKCVR 2,5/12-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Spring-cage conn.               |
| 1873757        | FKCVW 2,5/12-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Spring-cage conn.               |

|         |                           |   |
|---------|---------------------------|---|
| 1777387 | FRONT-MSTB 2,5/12-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Color: green                            |
| 1786501 | IC 2,5/12-G-5,08          | Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 12, Assembly: Soldering  |
| 1786048 | ICV 2,5/12-G-5,08         | Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 12, Color: green, Assembly: Soldering  |
| 1757116 | MSTB 2,5/12-ST-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Color: green                            |
| 1764280 | MSTB 2,5/12-STZ-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Color: green                            |
| 1808913 | MSTBC 2,5/12-ST-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Crimp connection, Color: green                            |
| 1809608 | MSTBC 2,5/12-STZ-5,08     | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Crimp connection  |
| 1769117 | MSTBP 2,5/12-ST-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Color: green                            |
| 1781085 | MSTBT 2,5/12-ST-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Color: green                            |
| 1824227 | MSTBU 2,5/12-STD-5,08     | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Assembly: Direct mounting, Color: green |
| 1831414 | MSTBVK 2,5/12-ST-5,08     | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Assembly: DIN rail                      |
| 1792346 | MVSTBR 2,5/12-ST-5,08     | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Color: green                            |
| 1792854 | MVSTBW 2,5/12-ST-5,08     | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Color: green                            |
| 1883705 | QC 1/12-ST-5,08           | Plug component, Nominal current: 10 A, Nom. voltage: 500 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Insulation displacement connection QUICKON, Color: green  |
| 1826380 | SMSTB 2,5/12-ST-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Color: green                            |
| 1833917 | UMSTBVK 2,5/12-ST-5,08    | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Assembly: DIN rail, Color: green        |

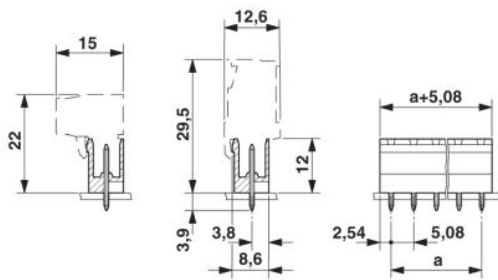
|         |                   |  |
|---------|-------------------|--|
| 1873029 | ZFKK 1,5-ICV-5,08 | Feed-through modular terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm <sup>2</sup> - 2.5 mm <sup>2</sup> , Width: 5.1 mm, Color: gray |
|---------|-------------------|--|

### Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



**Address**

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