


# MSTB 2,5/10-ST-5,08-LR

Order No.: 1808967

<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1808967>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V,  
Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw  
connection, Color: green, Contact surface: Tin

| Commercial data        |  |
|------------------------|--|
| EAN                    | <br>4 046356 702416 |
| Note                   | Made-to-order  |
| Pack                   | 50   |
| Customs tariff         | 85366990   |
| Gross weight in pieces | 17.99 g  |
| Country of Origin      | DE   |

**Product notes**

WEEE/RoHS-compliant since:  
23/09/2011



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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

| Technical data                |          |
|-------------------------------|----------|
| <b>Dimensions / positions</b> |          |
| Pitch                         | 5.08 mm  |
| Dimension a                   | 45.72 mm |
| Number of positions           | 10       |
| Screw thread                  | M3       |
| Tightening torque, min        | 0.5 Nm   |

|  |   |
|--|---|
| Tightening torque max  | 0.6 Nm  |
| <b>Technical data</b>  |   |
| Range of articles  | MSTB 2,5/...-ST-LR                                      |
| Insulating material group  | I   |
| 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)   | 630 V   |
| Connection in acc. with standard   | EN-VDE  |
| Nominal current $I_N$  | 12 A  |
| Nominal voltage $U_N$  | 250 V   |
| Nominal cross section  | 2.5 mm <sup>2</sup>                                     |
| Maximum load current   | 12 A (with 2.5 mm <sup>2</sup> conductor cross section) |
| Insulating material  | PA  |
| Inflammability class according to UL 94                                    | V0  |
| Internal cylindrical gage  | A3  |
| Stripping length   | 7 mm  |
| Nominal voltage, UL/CUL Use Group B  | 300 V   |
| Nominal current, UL/CUL Use Group B  | 15 A  |
| Nominal voltage, UL/CUL Use Group D  | 300 V   |
| Nominal current, UL/CUL Use Group D  | 15 A  |
| <b>Connection data</b>   |   |
| Conductor cross section solid min.   | 0.2 mm <sup>2</sup>                                     |
| Conductor cross section solid max.   | 2.5 mm <sup>2</sup>                                     |
| Conductor cross section stranded min.                                      | 0.2 mm <sup>2</sup>                                     |
| Conductor cross section stranded max.                                      | 2.5 mm <sup>2</sup>                                     |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup>                                    |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm <sup>2</sup>                                     |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup>                                    |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 2.5 mm <sup>2</sup>                                     |
| Conductor cross section AWG/kcmil min.                                     | 24  |

|   |                      |
|---|----------------------|
| Conductor cross section AWG/kcmil max   | 12                   |
| 2 conductors with same cross section, solid min.  | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL   | 30                   |
| Maximum AWG according to UL/CUL   | 12                   |

#### Certificates



Certification

cULus Recognized

Certifications applied for:

Certification Ex:

#### Accessories

| Item           | Designation | Description   |
|----------------|-------------|---|
| <b>General</b> |             |   |
| 1733169        | EBP 2- 5    | Insertion bridge, fully insulated, for plug-in connectors with 5.0 or 5.08 mm pitch, no. of positions: 2    |
| <b>Marking</b> |             |   |
| 1051993        | B-STIFT     | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |

|         |                          |  |
|---------|--------------------------|--|
| 0805108 | SK 5,08/2,8:SO           | Marker cards, white, Mounting type: Adhesive, For terminal block width: 5.08 mm  |
| 0804293 | SK 5,08/3,8:FORTL.ZAHLEN | Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5.08 mm |
| 0803883 | SK U/2,8 WH:UNBEDRUCKT   | Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office-Drucksysteme, Mounting type: Adhesive  |

#### Plug/Adapter

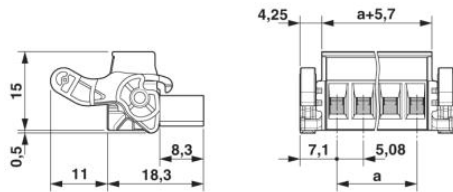
|         |         |   |
|---------|---------|---|
| 1734634 | CP-MSTB | Coding profile, is inserted into the slot on the plug or inverted header, red insulating material |
|---------|---------|---|

#### Tools

|         |             |  |
|---------|-------------|--|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|-------------|--|

#### Drawings

Dimensioned drawing



**Address**

PHOENIX CONTACT Ltd  
Halesfield 13  
Telford / Shropshire / TF7 4PG, England  
Phone 01952 681 700  
Fax 01952 681 799  
<http://www.phoenixcontact.co.uk>



Phoenix Contact Ltd.  
Technical modifications reserved;

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [phoenix contact manufacturer](#):*

Other Similar products are found below :

[1203259](#) [3240366](#) [1893300](#) [1623633](#) [2814605](#) [3240098](#) [0201391](#) [CRIMPFOX 16 S](#) [CRIMPSET 25](#) [7001438](#) [ETD-BL-1T-F-300S](#) [MCR-1CLP-I-I-00](#) [MCR-4CLP-I-I-00](#) [MCR-DAC 8-I- 4-BUS](#) [FL EPA WMS](#) [FLK 50/EZ-DR/ 400/KONFEK/S](#) [FLS PB M12 DO 8 M12-2A](#) [PPS CD BLADE](#) [PSI-MOS-DNET CAN/FO 660/BM](#) [PSM-ME-RS232/RS232-P](#) [PSM PTK-4](#) [PSM-SET-FSMA/4-KT](#) [PSR-SCP-24DC/TS/SDI8/SDIO](#) [PSR-SCP- 24DC/URD3/4X1/2X2](#) [PT 2X2- 5DC-ST](#) [1202580](#) [1203534](#) [1205985](#) [1206308](#) [1207420](#) [QUINT-BAT/24DC/12AH](#) [1204038](#) [1212041](#) [1212096](#) [1212162](#) [1212171](#) [1212202](#) [1212250](#) [1212304](#) [1212380](#) [1212480](#) [1212485](#) [1212488](#) [1212500](#) [1212511](#) [1212578](#) [1212584](#) [1212585](#) [1212592](#) [1212646](#)