

## INDUSTRIAL COMPONENT DATA

# MSTBC 2,5/18-STZ-5,08 1809666 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBC 2,5/18-STZ-5,08



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | MSTBC 2,5/18-STZ-5,08 |
| Catalog number  | 1809666               |
| Category        | Cable connector       |
| Minimum order   | 50 Pcs                |
| Document ID     | EO-9FA4AE5C1D         |
| Generated       | 2026-08-03            |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact type: Female, number of potentials: 18, number of rows: 1, number of poles: 18, number of connections: 18, family of articles: MSTBC 2.5/.. -STZ, pitch: 5.08 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: packed in box, Corresponding crimped female contacts, with indications regarding the current [A] and the range of conductor cross-sections [mm<sup>2</sup>]: 10A/MSTBC-MT 0.5-1.0 (3190564); 10A/MSTBC-MT 0.5-1.0 BA (3190645); 12A/MSTBC-MT 1.5-2.5 (3190551); 12A/MSTBC-MT 1.5-2.5 BA (3190658). BA = Contacts on Ribbon

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path PHOENIX CONTACT > PCB Connectors (PCC)

### Additional Product Information

Key Commercial Data

Orderkey 1809666

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4017918047801

Weight per Piece (excluding packing) 9.760 g

Custom tariff number 85472000

Country of origin PL (Poland)

**Dimensions**

Length [ l ] 25 mm

Width [ w ] 91.4 mm

Height [ h ] 10.5 mm

Pitch 5.08 mm

Dimension a 86.36 mm

**General**

Range of articles MSTBC 2,5/..-STZ

Number of positions 18

Connection method Crimp connection

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/3) 320 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 12 ANominal cross section 2.5 mm<sup>2</sup>

Maximum load current 12 A

Insulating material PA

Flammability rating according to UL 94 V0

**Connection data**Conductor cross section flexible min. 0.5 mm<sup>2</sup>Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Conductor cross section AWG min. 20

Conductor cross section AWG max. 14

Minimum AWG according to UL/CUL 20

Maximum AWG according to UL/CUL 14

**Standards and Regulations**

Connection in acc. with standard EN-VDE

**CSA**

Flammability rating according to UL 94 V0

**Environmental Product Compliance**

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

**Classifications**

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBC 2,5/18-STZ-5,08 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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