

## INDUSTRIAL COMPONENT DATA

# FRONT-MSTB 2,5/11-ST-5,08 BK 1800631 PHOENIX CONTACT

## Connector for printed circuit board, nominal current: 1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT-MSTB 2,5/11-ST-5,08 BK



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | FRONT-MSTB 2,5/11-ST-5,08 BK |
| Catalog number  | 1800631                      |
| Category        | Cable connector              |
| Minimum order   | 2000 Pcs                     |
| Document ID     | EO-B509AB2EBF                |
| Generated       | 2026-08-04                   |

### Product Overview

Connector for printed circuit board, nominal current: 12 A, voltage and sizing (III/2): 320 V, number of poles: 11, pitch: 5,08 mm, type of connection: Connection by screw-on front, color: black, surface contacts: Tin

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, colour: black, rated current: 12 A, sizing voltage (III/2): 320 V, surface contacts: Tin, contact type: Connecting female, Number of potentials: 11, Number of rows: 1, Number of poles per row: 11, number of connections: 11, article family: FRONT-MSTB 2.5/.. -ST, pitch: 5.08 mm, connection type: Front screw connection, connection direction conductor/printed circuit board: 0°, Stecksystem: CLASSIC COMBICON, Lock: sin, packing type: boxed packaging

PCB connector, nominal cross-section: 2.5 mm<sup>2</sup>, color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, surface contacts: Tin, contact connection type: Female, number of potentials: 11, number of rows: 1, number of poles: 11, number of connections: 11, article family: FRONT-MSTB 2.5/.. -ST, pitch: 5.08mm, connection type: Front screw connection, screw clamping way: L Longitudinal slot, connection direction conductor/printed circuit board: 0°, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packing type: boxed

## 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

Connector for printed circuit board, nominal current: 12 A, voltage and sizing (III/2): 320 V, number of poles: 11, pitch: 5,08 mm, type of connection: Connection by screw-on front, color: black, surface contacts: Tin

Data commercial

Key order One million eight hundred thousand six hundred thirty one

Packing unit 50 pcs

Key selling AAFAA -

Minimum order quantity 50 pcs

EAN Four trillion forty six billion three hundred fifty six million eight hundred ninety one thousand ninety seven

Unit weight (excluding packaging) 32,770 g

Tariff number tariff Eighty five million three hundred sixty six thousand nine hundred ninety

Country of origin DE (Germany)

Dimensions

Length [ l ] 27,2 mm

Width [ w ] Of 55.88 mm

Height [ h ] 15 mm

Step 5,08 mm

Average 50.8 mm

Overview

Family of articles FRONT-MSTB 2,5/..-ST

Number of poles Eleven

Type of connection Connection by screw front

Group insulating material I

Transient voltage design (III/3) 4 kV

Transient voltage design (III/2) 4 kV

Transient voltage design (II/2) 4 kV

Tension and sizing (III/3) 250 V

Tension and sizing (III/2) 320 V

Tension and sizing (II/2) 630 V

Connection according to standard EN-VDE

Nominal current IN 12 To

Nominal cross section 2.5 mm<sup>2</sup>

Isolation PA

Class of flammability according to UL 94 V0

Gauge male A3

Length desaislar 10 mm

Screw thread M2,5

Tightening torque min. 0.5 Nm

Tightening torque max. 0.6 Nm

Data connection

Core cross-section rigid min. 0,34 mm<sup>2</sup>

Section of conductor rigid max. 2.5 mm<sup>2</sup>

Section of flexible c...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT-MSTB 2,5/11-ST-5,08 BK 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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