

## INDUSTRIAL COMPONENT DATA

# FRONT-MSTB 2,5/16-STF-5,08 BU 1704588 PHOENIX

## CONTACT Plug-in part, rated current: 12 A, number of poles: 16..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT-MSTB 2,5/16-STF-5,08 BU



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | FRONT-MSTB 2,5/16-STF-5,08 BU |
| Catalog number  | 1704588                       |
| Category        | Cable connector               |
| Minimum order   | 50 Pcs                        |
| Document ID     | EO-6193A05FA6                 |
| Generated       | 2026-08-06                    |

### Product Overview

Plug-in part, rated current: 12 A, number of poles: 16, pitch: 5.08 mm, connection type: Front screw connection, color: blue, contact surface: Tin

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: blue, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 16, number of rows: 1, number of poles: 16, number of connections: 16, family of articles: FRONT-MSTB 2.5/.. -STF, pitch: 5.08 mm, connection type: Front screw connection, screw clamping shape: L Longitudinal slot, driver/printed circuit board connection direction: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed

PCB connector, nominal cross-section: 2.5 mm<sup>2</sup>, colour: blue, rated current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: Female, number of potentials: 16, number of rows: 1, number of poles: 16, number of connections: 16, product series: FRONT-MSTB 2.5/.. -STF, pitch: 5.08 mm, connection type: Front screw connection, screw attachment form: L Longitudinal slot, conductor/board connection direction: 0 °, locking hook: - Locking hook, plug system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Screw flange, packaging type: packed in carton

## 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Plug component, nominal current: 12 A, number of positions: 16, pitch: 5.08 mm, connection method: Front screw connection, color: blue, contact surface: Tin

Your advantages

Well-known connection principle allows worldwide use  
Optimized for tight installation situations: operation and conductor connection from one direction  
Screwable flange for superior mechanical stability  
Low temperature rise, thanks to maximum contact force  
Allows connection of two conductors

Key Commercial Data

Orderkey 1704588

Packing unit 1

GTIN 4046356729284

Custom tariff number 85366990

General

Range of articles FRONT-MSTB 2,5/..-STF

Type of contact Female connector

Number of positions 16

Connection method Front screw connection

Rated voltage (III/3) 250 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

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

Connection data

Conductor cross section solid min. 0.34 mm<sup>2</sup>

Conductor cross section solid max. 2.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

2 conductors with same cross section, solid min. 0.2 mm<sup>2</sup>

2 conductors with....

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT-MSTB 2,5/16-STF-5,08 BU 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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