

## INDUSTRIAL COMPONENT DATA

# FRONT-MSTB 2,5/ 3-ST AU 1776074 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT-MSTB 2,5/ 3-ST AU



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | FRONT-MSTB 2,5/ 3-ST AU |
| Catalog number  | 1776074                 |
| Category        | Cable connector         |
| Minimum order   | 50 Pcs                  |
| Document ID     | EO-7CDA97B659           |
| Generated       | 2026-08-02              |

### 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 surface: Gold, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: FRONT-MSTB 2.5/.. -ST, pitch: 5 mm, connection type: Front screw connection, screw clamping form: L Longitudinal slot, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: no, packaging 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

Key Commercial Data

Orderkey 1776074

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4017918213909

Weight per Piece (excluding packing) 8.700 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 27.2 mm

Width [ w ] 15 mm  
Height [ h ] 15 mm  
Pitch 5 mm  
Dimension a 10 mm  
General  
Range of articles FRONT-MSTB 2,5/..-ST  
Number of positions 3  
Connection method Front screw 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 IN 12 A  
Nominal cross section 2.5 mm<sup>2</sup>  
Maximum load current 12 A  
Insulating material PA  
Flammability rating according to UL 94 V0  
Internal cylindrical gage A3  
Stripping length 10 mm  
Screw thread M2,5  
Tightening torque, min 0.5 Nm  
Tightening torque max 0.6 Nm  
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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT-MSTB 2,5/ 3-ST AU 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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