

## INDUSTRIAL COMPONENT DATA

# SMSTB 2,5/16-ST-5,08 BK 1875276 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMSTB 2,5/16-ST-5,08 BK



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | SMSTB 2,5/16-ST-5,08 BK |
| Catalog number  | 1875276                 |
| Category        | Cable connector         |
| Minimum order   | 1000 Pcs                |
| Document ID     | EO-4282C79782           |
| Generated       | 2026-08-05              |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: black, 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: SMSTB 2.5/.. -ST, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor connection direction/printed circuit board: -45 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: black, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: SMSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -45 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

## 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

Technical dataProduct propertiesProduct type PCB connector

Product family SMSTB 2,5/..-ST

Product line COMBICON Connectors M

Number of positions 16

Pitch 5.08 mm  
Number of connections 16  
Number of rows 1  
Number of potentials 16  
Mounting flange without  
Data management status  
Article revision 03  
Electrical propertiesNominal current IN 12 A  
Nominal voltage UN 320 V  
Contact resistance 2.3 m?  
Rated voltage (III/3) 250 V  
Rated surge voltage (III/3) 4 kV  
Rated voltage (III/2) 320 V  
Rated surge voltage (III/2) 4 kV  
Rated voltage (II/2) 630 V  
Rated surge voltage (II/2) 4 kV  
Connection dataConnection technology  
Type Standard  
Connector system COMBICON MSTB 2,5  
Nominal cross section 2.5 mm<sup>2</sup>  
Contact connection type Socket  
Interlock  
Locking type without  
Mounting flange without  
Conductor connection  
Connection method Screw connection with tension sleeve  
Conductor/PCB connection direction -45 °  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 12  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
2 conductors with same cross section, solid 0.2 mm<sup>2</sup> ... 1 mm<sup>2</sup>  
2 conductors with same cross section, flexible 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, wi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMSTB 2,5/16-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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