

## INDUSTRIAL COMPONENT DATA

# SMSTB 2,5/ 3-ST-5,08 ABGY AU 1719125 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMSTB 2,5/ 3-ST-5,08 ABGY AU



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | SMSTB 2,5/ 3-ST-5,08 ABGY AU |
| Catalog number  | 1719125                      |
| Category        | Cable connector              |
| Minimum order   | 2000 Pcs                     |
| Document ID     | EO-7B47E5117F                |
| Generated       | 2026-08-04                   |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: agate gray, 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: 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: no, packaging type: packed in box

## 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 1719125

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4017918220433

Weight per Piece (excluding packing) 6.000 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 25.6 mm  
Width [ w ] 15.24 mm  
Height [ h ] 15.5 mm  
Pitch 5.08 mm  
Dimension a 10.16 mm  
General  
Range of articles SMSTB 2,5/...-ST  
Number of positions 3  
Connection method Screw connection with tension sleeve  
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) 250 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 A  
Nominal cross section 2.5 mm<sup>2</sup>  
Maximum load current 12 A (with a 2.5 mm<sup>2</sup> conductor cross section)  
Insulating material PA  
Flammability rating according to UL 94 V0  
Internal cylindrical gage A3  
Stripping length 7 mm  
Screw thread M3  
Tightening torque, min 0.5 Nm  
Tightening torque max 0.6 Nm  
Connection data  
Conductor cross section solid min. 0.2 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMSTB 2,5/ 3-ST-5,08 ABGY 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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