

INDUSTRIAL COMPONENT DATA

SMSTB 2,5/ 2-ST BU CP2BDWH:2,1 1707452 PHOENIX CONTACT Plug-in part, rated current: 12 A, number of poles: 2..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMSTB 2,5/ 2-ST BU CP2BDWH:2,1



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMSTB 2,5/ 2-ST BU CP2BDWH:2,1
Catalog number	1707452
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-1E6B8BD854
Generated	2026-08-06

Product Overview

Plug-in part, rated current: 12 A, number of poles: 2, pitch: 5 mm, connection type: Screw connection with traction capsule, color: blue, contact surface: Tin

Connector for printed circuit board, nominal section: 2.5 mm², color: blue, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: SMSTB 2.5/.. -ST, pitch: 5 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 mm², colour: blue, rated current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, product series: SMSTB 2.5/.. -ST, pitch: 5 mm, connection type: Screw connection with cage, screw attachment form: L Longitudinal slot, conductor/board connection direction: -45 °, locking hook: - Locking hook, plug system: COMBICON MSTB 2.5, locking: none, fixing type: none, 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 > PCB Connectors (PCC)
--------------	--

Additional Product Information

Plug component, nominal current: 12 A, number of positions: 2, pitch: 5 mm, connection method: Screw connection with tension sleeve, 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
Angled conductor connection enables operation and conductor connection from one direction
Low temperature rise, thanks to maximum contact force

Orderkey 1707452

Packing unit 1

GTIN 4046356934404

Custom tariff number 85366990

General

Range of articles SMSTB 2,5/...-ST

Type of contact Female connector

Number of positions 2

Connection method Screw connection with tension sleeve

Rated voltage (III/3) 250 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 2.5 mm²

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

2 conductors with same cross section, solid min. 0.2 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMSTB 2,5/ 2-ST BU CP2BDWH:2,1 with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.