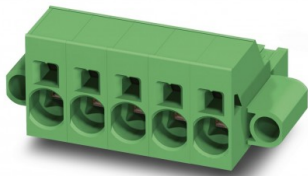


## INDUSTRIAL COMPONENT DATA

# SPC 16/ 3-STF-10,16 BK 1710323 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPC 16/ 3-STF-10,16 BK



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | SPC 16/ 3-STF-10,16 BK |
| Catalog number  | 1710323                |
| Category        | Cable connector        |
| Minimum order   | 50 Pcs                 |
| Document ID     | EO-A2D31ACB49          |
| Generated       | 2026-08-06             |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 16 mm<sup>2</sup>, color: black, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: SPC 16/..-STF, pitch: 10.16 mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, clamping hook: - without clamping hook, plug-in system:

COMBICON PC 16, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed

PCB connector, nominal cross section: 16 mm<sup>2</sup>, color: black, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Socket, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: SPC 16/..-STF, pitch: 10.16 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0°, locking clip: - without locking clip, plug-in system: COMBICON PC 16, locking: Screw locking mechanism, mounting: Screw flange, 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 SPC 16/..-STF

Product line COMBICON Connectors XL

Number of positions 3

Pitch 10.16 mm

Number of connections 3  
Number of rows 1  
Number of potentials 3  
Data management status  
Article revision 01  
Electrical propertiesNominal current IN 76 A  
Nominal voltage UN 1000 V  
Contact resistance 0.5 m?  
Rated voltage (III/3) 1000 V  
Rated surge voltage (III/3) 8 kV  
Rated voltage (III/2) 1000 V  
Rated surge voltage (III/2) 8 kV  
Rated voltage (II/2) 1000 V  
Rated surge voltage (II/2) 6 kV  
Connection dataConnection technology  
Type Standard  
Connector system COMBICON PC 16  
Nominal cross section 16 mm<sup>2</sup>  
Contact connection type Socket  
Interlock  
Locking type Screw locking mechanism  
Mounting flange Screw flange  
Tightening torque 0.3 Nm ... 0.7 Nm  
Conductor connection  
Connection method Push-in spring connection  
Conductor/PCB connection direction 0 °  
Conductor cross section rigid 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>  
Conductor cross section flexible 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>  
Conductor cross section AWG 18 ... 4  
Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm<sup>2</sup> ... 10 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.75 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Cylindrical gauge a x b / diameter - / 5.4 mm  
Stripping length 18 mm  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers acco...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPC 16/ 3-STF-10,16 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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