

## INDUSTRIAL COMPONENT DATA

# PC 16/ 3-STF-10,16 BD:W-U SO 1705120 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 16/ 3-STF-10,16 BD:W-U SO



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | PC 16/ 3-STF-10,16 BD:W-U SO |
| Catalog number  | 1705120                      |
| Category        | Cable connector              |
| Minimum order   | 25 Pcs                       |
| Document ID     | EO-F7F5295568                |
| Generated       | 2026-08-03                   |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 16 mm<sup>2</sup>, color: green, nominal current: 76 A, dimensioning voltage (III/2): 1000 V, contact surface: silver, contact type: Female connection, Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, number of connections: 3, family of articles: PC 16/.. -STF, pitch: 10.16 mm, connection type: Screw connection with traction capsule, conductor connection direction/printed circuit board: 0°, Stecksyst.: POWER COMBICON 16, Lock: Screw lock, 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 1705120

Packing unit 1

GTIN 4046356753630

Custom tariff number 85366990

Dimensions

Length [ l ] 41.5 mm

Width [ w ] 48.24 mm

Height [ h ] 27.8 mm

Pitch 10.16 mm

Dimension a 20.32 mm

General

Range of articles PC 16/..-STF

Number of positions 3

Connection method Screw connection with tension sleeve

Rated voltage (III/3) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 76 A

Nominal cross section 16 mm<sup>2</sup>

Connection data

Conductor cross section solid min. 0.75 mm<sup>2</sup>

Conductor cross section solid max. 16 mm<sup>2</sup>

Conductor cross section flexible min. 0.75 mm<sup>2</sup>

Conductor cross section flexible max. 16 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 10 mm<sup>2</sup>

Conductor cross section AWG min. 18

Conductor cross section AWG max. 6

2 conductors with same cross section, solid min. 0.75 mm<sup>2</sup>

2 conductors with same cross section, solid max. 6 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 0.75 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 6 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 4 mm<sup>2</sup>

2 conductors with same cross section, stran...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 16/ 3-STF-10,16 BD:W-U SO 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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