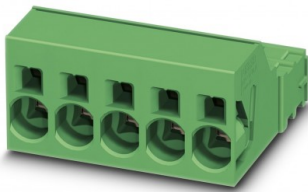


## INDUSTRIAL COMPONENT DATA

# ISPC 16/ 3-ST-10,16 1748558 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ISPC 16/ 3-ST-10,16



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | ISPC 16/ 3-ST-10,16 |
| Catalog number  | 1748558             |
| Category        | Cable connector     |
| Minimum order   | 50 Pcs              |
| Document ID     | EO-9766659AA9       |
| Generated       | 2026-08-01          |

### Product Overview

Printed-circuit board connector

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

PCB connector, nominal cross section: 16 mm<sup>2</sup>, color: green, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Pin, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: ISPC 16/..-ST, 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: 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 ISPC 16/..-ST

Product line COMBICON Connectors XL

Type Standard

Number of positions 3

Pitch 10.16 mm  
Number of connections 3  
Number of rows 1  
Number of potentials 3  
Mounting flange without  
Data management status  
Article revision 01  
Electrical propertiesNominal current  $I_N$  76 A  
Nominal voltage  $U_N$  1000 V  
Contact resistance 0.35 m $\Omega$   
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 Pin  
Interlock  
Locking type without  
Mounting flange without  
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 same cross section, solid 0.75 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
2 conductors with same cross section, flexible 0.75 mm<sup>2</sup> ... 6 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ISPC 16/ 3-ST-10,16 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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