

## INDUSTRIAL COMPONENT DATA

# ISPC 16/ 6-STGF-10,16 1748749 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ISPC 16/ 6-STGF-10,16



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | ISPC 16/ 6-STGF-10,16 |
| Catalog number  | 1748749               |
| Category        | Cable connector       |
| Minimum order   | 50 Pcs                |
| Document ID     | EO-81CCE07ED5         |
| 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: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of items: ISPC 16/.. -STGF, 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: Screw locking, fixing type: Air clamping (thread), 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 1748749

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

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GTIN 4046356310970

Weight per Piece (excluding packing) 51.830 g

Custom tariff number 85366990

Country of origin BG (Bulgaria)

**Dimensions**

Length [ l ] 45.1 mm

Width [ w ] 78.72 mm

Height [ h ] 25.1 mm

Pitch 10.16 mm

Dimension a 50.8 mm

**General**

Range of articles ISPC 16/...-STGF

Number of positions 6

Connection method Push-in spring connection

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 1000 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 76 ANominal cross section 16 mm<sup>2</sup>

Maximum load current 76 A

Insulating material PA

Flammability rating according to UL 94 V0

Stripping length 18 mm

**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. 0.75 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. 0.75 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 AW...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / ISPC 16/ 6-STGF-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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