

INDUSTRIAL COMPONENT DATA

ISPC 16/ 2-STGF-10,16 1748707 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ISPC 16/ 2-STGF-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	ISPC 16/ 2-STGF-10,16
Catalog number	1748707
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-0DC625687B
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Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 16 mm², color: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: 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 1748707

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

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GTIN 4046356310833

Weight per Piece (excluding packing) 19.100 g

Custom tariff number 85366990

Country of origin IN (India)

Item properties

Brief article description Printed-circuit board connector

Plug-in system POWER COMBICON 16

Type of contact Male connector

Range of articles ISPC 16/...-STGF

Pitch 10.16 mm

Number of positions 2

Connection method Push-in spring connection

Locking Threaded flange

Number of levels 1

Number of connections 2

Number of potentials 2

Electrical parameters

Rated current 76 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacity

Conductor cross section solid 0.75 mm² ... 16 mm²

Conductor cross section flexible 0.75 mm² ... 16 mm²

Conductor cross section AWG / kcmil 18 ... 4

Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm² ... 16 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm² ... 10 mm²

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.75 mm² ... 4 mm²

Stripping length 18 mm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Metal surface terminal point (top layer) Silver (4 - 8 µm Ag)

Metal surface contact area (top layer) Silver (4 - 8 µm Ag)

Material data - housing

Insula...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ISPC 16/ 2-STGF-10,16 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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