INDUSTRIAL COMPONENT DATA

ISPC 16/ 6-STF-10,16 1748668 PHOENIX CONTACT Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ISPC 16/ 6-STF-10,16
Catalog number	1748668
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-174104BE4A
Generated	2026-11-19

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: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of items: ISPC 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

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 1748668
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 565 (C-1-2013)
GTIN 4046356310727
Weight per Piece (excluding packing) 53.660 g
Custom tariff number 85366990
Country of origin IN (India)

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/..-STF
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 IN 76 A
Nominal cross section 16 mm²
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 mm²
Conductor cross section solid max. 16 mm²
Conductor cross section flexible min. 0.75 mm²
Conductor cross section flexible max. 16 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.75 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.75 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 10 mm²
Conductor cross section AWG min. 18
Conductor cross section AWG ma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ISPC 16/ 6-STF-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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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