INDUSTRIAL COMPONENT DATA

IPC 16/ 2-ST-10,16 YE 1745166 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: IPC 16/ 2-ST-10,16 YE



Manufacturer	PHOENIX CONTACT
MPN / Reference	IPC 16/ 2-ST-10,16 YE
Catalog number	1745166
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-2EB313EBBE
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 16 mm², color: yellow, 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: IPC 16/.. -ST, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, 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

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 1745166
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4046356307819
Weight per Piece (excluding packing) 19.470 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions

Length [l] 44.1 mm
Width [w] 23.36 mm
Height [h] 27.8 mm
Pitch 10.16 mm
Dimension a 10.16 mm
General
Range of articles IPC 16/..-ST
Number of positions 2
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 mm²
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. 0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 10 mm²
Conductor cross section AWG min. 18
Conductor cross section AWG max. 6
2 conductors with same cross section, solid min. 0.75 mm²
2 conductors with same cross section, solid max. 6 mm²
2 conductors with same cross section, stranded min. 0.75 mm²
2 conductors with same cross section, stranded max. 6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IPC 16/ 2-ST-10,16 YE 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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