INDUSTRIAL COMPONENT DATA

IPC 16/ 6-ST-10,16 1969412 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: IPC 16/ 6-ST-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	IPC 16/ 6-ST-10,16
Catalog number	1969412
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-ABD530A8F4
Generated	2026-11-18

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 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 1969412
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 558 (C-1-2013)
GTIN 4017918943660
Weight per Piece (excluding packing) 47.070 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions

Length [l] 44.1 mm
Width [w] 64 mm
Height [h] 27.8 mm
Pitch 10.16 mm
Dimension a 50.8 mm
General
Range of articles IPC 16/..-ST
Number of positions 6
Connection method Screw connection with tension sleeve
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
Internal cylindrical gage A6
Stripping length 12 mm
Screw thread M4
Tightening torque, min 1.7 Nm
Tightening torque max 1.8 Nm
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 Only in connection with CRIMPFOX 16 S
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²
Conductor cross section flexible,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IPC 16/ 6-ST-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.