

INDUSTRIAL COMPONENT DATA

PC 16/ 4-STF-SH-10,16 1970359 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 16/ 4-STF-SH-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 16/ 4-STF-SH-10,16
Catalog number	1970359
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-311377BEB3
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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: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of items: PC 16/.. -STF-SH, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, 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 Packaging

PCB connector, nominal cross-section: 16 mm², colour: green, rated current: 76 A, dimensioning voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, product series: PC 16/.. -STF-SH, pitch: 10.16 mm, connection type: Screw connection with cage, screw attachment form: L Longitudinal slot, conductor/board connection direction: 0 °, locking hook: - without locking hook, plug system: COMBICON PC 16, Electrical characteristics: shielded, locking: Screw locking, fixing type: Screw flange, packaging type: packed in carton

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 1970359

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 555 (C-1-2013)

GTIN 4017918939403

Weight per Piece (excluding packing) 63.050 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 89.8 mm

Width [w] 58.4 mm

Height [h] 29.1 mm

Pitch 10.16 mm

Dimension a 30.48 mm

General

Range of articles PC 16/..-STF-SH

Number of positions 4

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 flex...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 16/ 4-STF-SH-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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