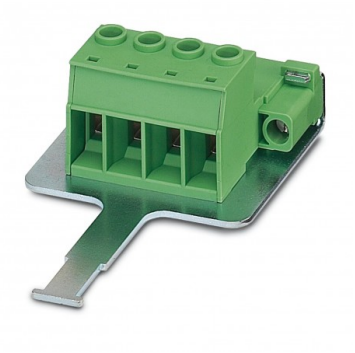
INDUSTRIAL COMPONENT DATA

IPC 16/ 4-STF-SH-10,16 1970346 PHOENIX CONTACT Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	IPC 16/ 4-STF-SH-10,16
Catalog number	1970346
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-7081557093
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: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: IPC 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, color: green, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: IPC 16/..-STF-SH, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON PC 16, Electrical properties: shielded, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type PCB connector
Product family IPC 16/..-STF-SH
Product line COMBICON Connectors XL

Type Inverted
Number of positions 4
Pitch 10.16 mm
Number of connections 4
Number of rows 1
Number of potentials 4
Mounting flange Screw flange
Electrical characteristic shielded
Data management status
Article revision 05
Electrical propertiesNominal current IN 76 A
Nominal voltage UN 1000 V
Rated voltage (III/3) 1000 V
Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
Electrical characteristic shielded
Connection dataConnection technology
Type Inverted
Connector system COMBICON PC 16
Nominal cross section 16 mm²
Contact connection type Pin
Interlock
Locking type Screw locking mechanism
Mounting flange Screw flange
Tightening torque 0.3 Nm
Conductor connection
Connection method Screw connection with tension sleeve
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.75 mm² ... 16 mm²
Conductor cross section flexible 0.75 mm² ... 16 mm²
Conductor cross section AWG 18 ... 6
Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm² ... 16 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm² ... 10 mm²
2 conductors with same cross section, solid 0.75 mm² ... 6 mm²
2 conductors with same cross section, flexible 0.75 mm² ... 6 mm²
2 conductors with same cross section, flexible, with ferru...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IPC 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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