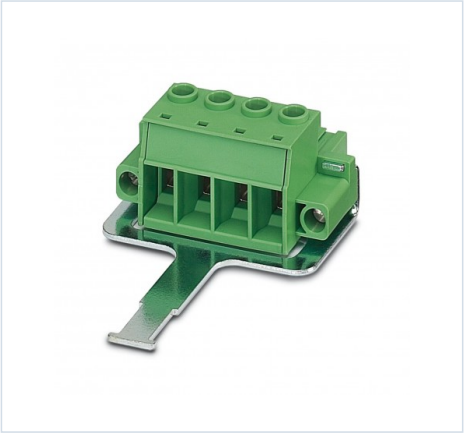
INDUSTRIAL COMPONENT DATA

PC 16/ 4-STF-SH-10,16BKBDWH-PE 1138481 PHOENIX CONTACT Connector for printed circuit board, number of poles:..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 16/ 4-STF-SH-10,16BKBDWH-PE
Catalog number	1138481
Category	Cable connector
Minimum order	1000 Pcs
Document ID	EO-899D856ECA
Generated	2026-11-19

Product Overview

Connector for printed circuit board, number of poles: 4, pitch: 10,16 mm, color: black
Connector for printed circuit board, nominal section: 16 mm², color: black, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of rows: 1, number of poles: 4, family of articles: 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, color: black, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Socket, number of rows: 1, number of positions: 4, product range: PC 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 PC 16/..-STF-SH
Product line COMBICON Connectors XL

Number of positions 4
Pitch 10.16 mm
Number of rows 1
Electrical characteristic shielded
Data management status
Article revision 02
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 Standard
Connector system COMBICON PC 16
Nominal cross section 16 mm²
Contact connection type Socket
Interlock
Locking type Screw locking mechanism
Mounting flange Screw flange
Tightening torque 0.3 Nm ... 0.7 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 (Only in connection with CRIMPFOX 16 S)
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm² ... 10 mm² (Only in connection with CRIMPFOX 16 S)
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 fe...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 16/ 4-STF-SH-10,16BKBDWH-PE 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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