INDUSTRIAL COMPONENT DATA

PC 16/ 3-STF-SH-10,16BKPABDSWH 1703257 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 16/ 3-STF-SH-10,16BKPABDSWH



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 16/ 3-STF-SH-10,16BKPABDSWH
Catalog number	1703257
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-D196791061
Generated	2026-11-19

Product Overview

Printed-circuit board connector
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 potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, 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

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 1703257
Packing unit 1
GTIN 4046356651578
Custom tariff number 85366990
Dimensions
Length [l] 89.8 mm
Width [w] 48.24 mm
Height [h] 29.1 mm

Pitch 10.16 mm
Dimension a 20.32 mm
General
Range of articles PC 16/..-STF-SH
Number of positions 3
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. 0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 4 mm²
2 conductors with same cross section, st...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 16/ 3-STF-SH-10,16BKPABDSWH 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.