

INDUSTRIAL COMPONENT DATA

PC 6/ 3-STF-10,16 BD:L3-L1 SO 1705188 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6/ 3-STF-10,16 BD:L3-L1 SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6/ 3-STF-10,16 BD:L3-L1 SO
Catalog number	1705188
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-87B050D4C0
Generated	2026-08-04

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 6 mm², color: green, nominal current: 41 A, dimensioning voltage (III/2): 1000 V, contact surface: silver, contact type: Female connection, Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, number of connections: 3, family of articles: PC 6/.. -STF, pitch: 10.16 mm, connection type: Screw connection with traction capsule, conductor connection direction/printed circuit board: 0°, Stecksystem: POWER COMBICON 16, Lock: Screw lock, 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 1705188

Packing unit 1

GTIN 4046356758048

Custom tariff number 85366990

Dimensions

Length [l] 39 mm

Width [w] 48.24 mm

Height [h] 27.55 mm

Pitch 10.16 mm

Dimension a 20.32 mm

General

Range of articles PC 6/..-STF

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 41 A

Nominal cross section 6 mm²

Connection data

Conductor cross section solid min. 0.75 mm²

Conductor cross section solid max. 10 mm²

Conductor cross section flexible min. 0.75 mm²

Conductor cross section flexible max. 6 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 6 mm²

Conductor cross section AWG min. 18

Conductor cross section AWG max. 8

2 conductors with same cross section, solid min. 0.75 mm²

2 conductors with same cross section, solid max. 4 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. 2.5 mm²

2 conductors with same cross section, stranded,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6/ 3-STF-10,16 BD:L3-L1 SO 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.