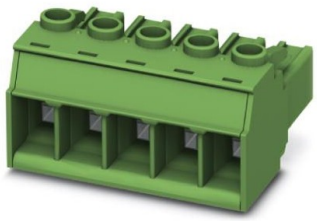
INDUSTRIAL COMPONENT DATA

PC 5/ 7-ST1-7,62PA1,3,5,7BDL1 1831769 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 7-ST1-7,62PA1,3,5,7BDL1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 7-ST1-7,62PA1,3,5,7BDL1
Catalog number	1831769
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-A1445C17D7
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 6 mm², color: green, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact connection type: Female, number of potentials: 3, number of rows: 1, number of poles: 7, number of connections: 3, article family: PC 5/.. -ST1, pitch: 7.62 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON PC 5, locking: without, fixing type: without, 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 1831769
Packing unit 1
GTIN 4046356919708
Custom tariff number 85366990
Dimensions
Length [l] 35.25 mm
Width [w] 53.29 mm
Height [h] 19.7 mm

Pitch 7.62 mm
Dimension a 45.72 mm
General
Range of articles PC 5/..-ST1
Number of positions 7
Connection method Screw connection with tension sleeve
Rated voltage (III/3) 1000 V
Nominal current IN 41 A
Nominal cross section 6 mm²
Note Tightening torque <= 4 mm² is 0.5 Nm to 0.6 Nm,> 4 mm² is 0.7 Nm to 0.8 Nm
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 10 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 4 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 10
2 conductors with same cross section, solid min. 0.2 mm²
2 conductors with same cross section, solid max. 2.5 mm²
2 conductors with same cross section, stranded min. 0.2 mm²
2 conductors with same cross section, stranded max. 4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1.5 mm²
2 con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 7-ST1-7,62PA1,3,5,7BDL1 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.