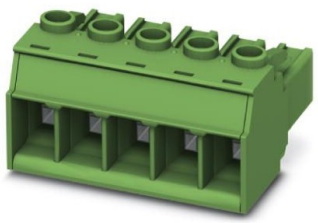
INDUSTRIAL COMPONENT DATA

PC 5/ 4-ST1-7,62 BKCP1,3BDWH 1798809 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 4-ST1-7,62 BKCP1,3BDWH



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 4-ST1-7,62 BKCP1,3BDWH
Catalog number	1798809
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-65238203E8
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 6 mm², color: black, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact connection type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: 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 1798809
Packing unit 1
GTIN 4046356747318
Custom tariff number 85366990
Dimensions
Length [l] 35.25 mm
Width [w] 30.43 mm
Height [h] 19.7 mm

Pitch 7.62 mm
Dimension a 22.86 mm
General
Range of articles PC 5/..-ST1
Number of positions 4
Connection method Screw connection with tension sleeve
Rated surge voltage (III/3) 8 kV
Rated surge voltage (III/2) 8 kV
Rated surge voltage (II/2) 6 kV
Rated voltage (III/3) 1000 V
Rated voltage (III/2) 1000 V
Rated voltage (II/2) 1000 V
Nominal current IN 41 A
Nominal cross section 6 mm²
Insulating material PA
Flammability rating according to UL 94 V0
Internal cylindrical gage A4
Stripping length 10 mm
Screw thread M3
Tightening torque, min 0.5 Nm
Tightening torque max 0.8 Nm
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 4-ST1-7,62 BKCP1,3BDWH 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.