INDUSTRIAL COMPONENT DATA

PC 5/ 4-STF1-7,62 BK RAE 1846615 PHOENIX CONTACT Connector for printed circuit board, nominal current: 41 A,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 4-STF1-7,62 BK RAE

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 4-STF1-7,62 BK RAE
Catalog number	1846615
Category	Cable connector
Minimum order	500 Pcs
Document ID	EO-5E2B326367
Generated	2026-11-19

Product Overview

Connector for printed circuit board, nominal current: 41 A, voltage and sizing (III/2): 1000 V, number of poles: 4, pitch: 7.62 mm, type of connection: Connection by screw with capsule-traction, color: black, surface contacts: Tin
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 type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of items: PC 5/.. -STF1, 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: - without clamping hook, plug-in system: COMBICON PC 5, locking: Screw lock, fixing type: Air clamping (screw), packaging type: Boxed Packaging
PCB connector, nominal cross section: 6 mm2, color: black, nominal current: 41 A, rated voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Socket, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: PC 5/..-STF1, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, screw head form: H1L Slotted Phillips recess, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON....

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 5/..-STF1
Product line COMBICON Connectors Special

Number of positions 4
Pitch 7.62 mm
Number of connections 4
Number of rows 1
Number of potentials 4
Data management status
Article revision 03
Electrical propertiesNominal current IN 41 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
Connection dataConnection technology
Connector system COMBICON PC 5
Nominal cross section 6 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 0.2 mm² ... 10 mm²
Conductor cross section flexible 0.2 mm² ... 6 mm²
Conductor cross section AWG 24 ... 10
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 6 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 4 mm²
2 conductors with same cross section, solid 0.2 mm² ... 2.5 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 4 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 4-STF1-7,62 BK RAE 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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