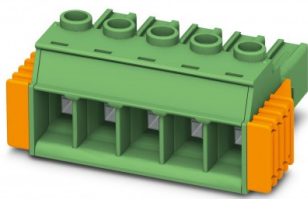


INDUSTRIAL COMPONENT DATA

PC 5/ 3-STCL1-7,62BGBDL1,L2,L3 1798786 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 3-STCL1-7,62BGBDL1,L2,L3



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 3-STCL1-7,62BGBDL1,L2,L3
Catalog number	1798786
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-9B0A215438
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 6 mm², color: pebble gray, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: PC 5/..-STCL1, pitch: 7.62 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal slot, connection direction conductor/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 5, locking: Clip lock, fixing type: Click & Lock locking clamp, Packaging Type: Boxed Packaging

PCB connector, nominal cross section: 6 mm², color: beige, nominal current: 41 A, rated voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Socket, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: PC 5/..-STCL1, 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 PC 5, locking: Clip locking, mounting: Click & Lock latching slide, type of packaging: packed in cardboard

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/..-STCL1

Product line COMBICON Connectors L

Number of positions 3
Pitch 7.62 mm
Number of connections 3
Number of rows 1
Number of potentials 3
Mounting flange Click & Lock latching slide
Data management status
Article revision 01
Electrical propertiesNominal current I_N 41 A
Nominal voltage U_N 1000 V
Contact resistance 0.5 m Ω
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
Type Standard
Connector system COMBICON PC 5
Nominal cross section 6 mm²
Contact connection type Socket
Interlock
Locking type Clip locking
Mounting flange Click & Lock latching slide
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 s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 3-STCL1-7,62BGBDL1,L2,L3 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.