

INDUSTRIAL COMPONENT DATA

PC 5/ 3-ST1-7,62 GY BD:L1-L3 1706801 PHOENIX CONTACT

Plug-in part, rated current: 41 A, number of poles: 3, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 3-ST1-7,62 GY BD:L1-L3



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 3-ST1-7,62 GY BD:L1-L3
Catalog number	1706801
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-3600E56B7D
Generated	2026-08-05

Product Overview

Plug-in part, rated current: 41 A, number of poles: 3, pitch: 7.62 mm, connection type: Screw connection with traction capsule, color: gray, contact surface: Tin

Connector for printed circuit board, nominal section: 6 mm², color: gray, 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: 3, number of connections: 3, 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)
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Additional Product Information

Plug component, nominal current: 41 A, number of positions: 3, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: gray, contact surface: Tin

Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsIntegrated double steel spring provides additional safety in the event of temperature and power fluctuations600 V UL approval in the smallest of dimensionsKey Commercial Data

Orderkey 1706801

Packing unit 1

GTIN 4046356880855

Custom tariff number 85366990

General

Range of articles PC 5/..-ST1

Type of contact Female connector

Number of positions 3

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 $\leq 4 \text{ mm}^2$ is 0.5 Nm to 0.6 Nm, $> 4 \text{ mm}^2$ 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 3-ST1-7,62 GY BD:L1-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

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