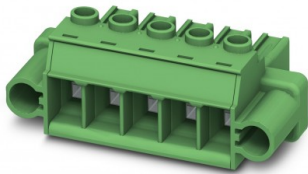


INDUSTRIAL COMPONENT DATA

PC 5/12-STF1-7,62 1777930 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/12-STF1-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/12-STF1-7,62
Catalog number	1777930
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-8E656D9A68
Generated	2026-08-01

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 type: Female, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, 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: green, nominal current: 41 A, rated voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Socket, number of potentials: 12, number of rows: 1, number of positions: 12, number of connections: 12, 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 PC 5, locking: Screw locking mechanism, mounting: Screw flange, 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/..-STF1

Product line COMBICON Connectors L

Type Standard

Number of positions 12

Pitch 7.62 mm

Number of connections 12

Number of rows 1

Number of potentials 12

Mounting flange Screw flange

Data management status

Article revision 02

Electrical propertiesNominal current IN 41 A

Nominal voltage UN 1000 V

Contact resistance 0.4 mΩ

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 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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/12-STF1-7,62 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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