

**INDUSTRIAL COMPONENT DATA**

# PC 5/ 4-STF1-7,62 BK BDWH:NZ 1CP 1700424 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 4-STF1-7,62 BK BDWH:NZ 1CP



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | PHOENIX CONTACT                  |
| MPN / Reference | PC 5/ 4-STF1-7,62 BK BDWH:NZ 1CP |
| Catalog number  | 1700424                          |
| Category        | Cable connector                  |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-9F807DC175                    |
| Generated       | 2026-08-04                       |

## Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 6 mm<sup>2</sup>, color: black, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 4, family of articles: PC 5/.. -STF1, pitch: 7.62 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, connection direction conductor/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 5, locking: Screw locking, fixing type: Air clamping (screw)

**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 1700424

Packing unit 1

GTIN 4046356666718

Custom tariff number 85366990

Dimensions

Pitch 7.62 mm

Dimension a 22.86 mm

General

Range of articles PC 5/..-STF1

Number of positions 4

Connection method Screw connection

Rated voltage (III/3) 1000 V

Nominal current IN 41 A

Nominal cross section 6 mm<sup>2</sup>

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 10 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 6 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 4 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 10

2 conductors with same cross section, solid min. 0.2 mm<sup>2</sup>

2 conductors with same cross section, solid max. 2.5 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 0.2 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 4 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.25 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with pla...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 4-STF1-7,62 BK BDWH:NZ 1CP with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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