

## INDUSTRIAL COMPONENT DATA

# PT 2,5/ 2-5,0-H BK 1704569 PHOENIX CONTACT Terminal block for printed circuit board, rated current: 32 A, ra..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2,5/ 2-5,0-H BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PT 2,5/ 2-5,0-H BK             |
| Catalog number  | 1704569                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 250 Pcs                        |
| Document ID     | EO-A5562D7DC0                  |
| Generated       | 2026-08-03                     |

## Product Overview

Terminal block for printed circuit board, rated current: 32 A, rated voltage: 400 V, pitch: 5 mm, number of poles: 2, connection type: Screw connection with wire protection bracket, mounting: Wave soldering, connection direction conductor/printed circuit board: 0 °, color: black

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of poles per row: 2, family of articles: PT 2.5/.. -H, pitch: 5 mm, connection type: Screw connection with wire protection bracket, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.1 mm, number of solder pins per potential: 1, packaging type: boxed

Printed circuit board terminal, nominal current: 32 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: PT 2,5/..-H, pitch: 5 mm, connection method: Screw connection with wire protector, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 4.1 mm, number of solder pins per potential: 1, 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 Printed circuit board terminal

Product family PT 2,5/..-H

Product line COMBICON Terminals M

Type PC termination block

Number of positions 2

Pitch 5 mm

Number of connections 2

Number of rows 1

Number of potentials 2

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 01

Electrical propertiesNominal current IN 32 A

Nominal voltage UN 400 V

Rated voltage (III/3) 250 V

Rated surge voltage (III/3) 4 kV

Rated voltage (III/2) 400 V

Rated surge voltage (III/2) 4 kV

Rated voltage (II/2) 630 V

Rated surge voltage (II/2) 4 kV

Connection dataConnection technology

Type PC termination block

Nominal cross section 2.5 mm<sup>2</sup>

Conductor connection

Connection method Screw connection with wire protector

Conductor cross section rigid 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Conductor cross section flexible 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Conductor cross section AWG 20 ... 10

Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

2 conductors with same cross section, solid 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

2 conductors with same cross section, flexible 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Stripping length 6.5 mm

Tightening torque 0.45 Nm ... 0.5 Nm...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2,5/ 2-5,0-H BK 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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