

## INDUSTRIAL COMPONENT DATA

# PT 2,5/ 5-5,0-H 1935802 PHOENIX CONTACT Screw compact terminal block

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PT 2,5/ 5-5,0-H                |
| Catalog number  | 1935802                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 100 Pcs                        |
| Document ID     | EO-F757121FDA                  |
| Generated       | 2026-07-29                     |

## Product Overview

Screw compact terminal block

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: 5, number of rows: 1, number of poles per row: 5, family of articles: PT 2.5/.. -H, pitch: 5 mm, connection type: Screw connection with wire protection bracket, screw clamping form: H1L Philipps-Recess with longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.1 mm, number of solder pins per potential: 1, Packing type: Boxed packed. In case of using ferrules, 250 V is only reached in combination with the surge category / the dirt grade II/2.

## 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 1935802

Packing unit 100 pc

Minimum order quantity 100 pc

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GTIN 4017918948429

Weight per Piece (excluding packing) 6.070 g

Custom tariff number 85369010

Country of origin PL (Poland)

**Dimensions**

Length [ l ] 9 mm

Pitch 5 mm

Dimension a 20 mm

Width [ w ] 25 mm

Height 13.5 mm

Height [ h ] 17.6 mm

Solder pin [P] 4.1 mm

Pin spacing 5 mm

Hole diameter 1.3 mm

**General**

Range of articles PT 2,5/..-H

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 32 ANominal cross section 2.5 mm<sup>2</sup>

Maximum load current 32 A (current values dependent on no. of pos., dimensioning of printed circuits, and ambient temperature)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3 / B3

Stripping length 6.5 mm

Number of positions 5

Screw thread M3

Tightening torque, min 0.45 Nm

Tightening torque max 0.5 Nm

**Connection data**Conductor cross section solid min. 0.5 mm<sup>2</sup>Conductor cross section solid max. 4 mm<sup>2</sup>Conductor cross section flexible min. 0.5 mm<sup>2</sup>Conductor cross section flexible max. 4 mm<sup>2</sup>Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm<sup>2</sup>Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross sec...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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