

**INDUSTRIAL COMPONENT DATA**

# PT 2,5/ 2-7,5-V-S 1705711 PHOENIX CONTACT Screw compact terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2,5/ 2-7,5-V-S



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PT 2,5/ 2-7,5-V-S              |
| Catalog number  | 1705711                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 250 Pcs                        |
| Document ID     | EO-5191AF8DF0                  |
| Generated       | 2026-08-02                     |

## Product Overview

Screw compact terminal block

Terminal block for printed circuit board, nominal current: 32 A, dimensioning voltage (III/2): 800 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/.. -V, pitch: 7.5 mm, connection type: Screw connection with wire protection bracket, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.1 mm, 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Key Commercial Data

Orderkey 1705711

Packing unit 250 pc

Minimum order quantity 250 pc

Note Made to Order (non-returnable)

GTIN 4046356032483

Weight per Piece (excluding packing) 2.730 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [ l ] 13.5 mm

Pitch 7.5 mm

Dimension a 7.5 mm

Height 13.1 mm

Height [ h ] 9 mm

Solder pin [P] 4.1 mm

Pin spacing 7.5 mm

Hole diameter 1.3 mm

General

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

Insulating material group I

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 6 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 500 V

Rated voltage (III/2) 800 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 32 A

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

Maximum load current 32 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 6.5 mm

Number of positions 2

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.5 Nm

Connection data

Conductor cross section solid min. 0.75 mm<sup>2</sup>

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

Conductor cross section flexible min. 0.75 mm<sup>2</sup>

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

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.75 mm<sup>2</sup> The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage.

Conductor....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2,5/ 2-7,5-V-S 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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