

**INDUSTRIAL COMPONENT DATA**

# PTSA 0,5/12-2,5-Z 1990106 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 0,5/12-2,5-Z



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTSA 0,5/12-2,5-Z              |
| Catalog number  | 1990106                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-A39817162D                  |
| Generated       | 2026-08-03                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 2 A, nominal voltage (III/2): 250 V, nominal cross-section: 0.5 mm<sup>2</sup>, number of potentials: 12, number of rows: 1, number of poles per row: 12, article family: PTSA 0.5, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Zigzag Pins W, Pin length [P]: 3.6 mm, number of solder pins per potential: 1, packaging type: boxed. Offset welding pins, two rows

**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 1990106

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918973674

Weight per Piece (excluding packing) 4.270 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ l ] 12 mm

Pitch 2.5 mm

Dimension a 27.5 mm

Width [ w ] 31.5 mm

Height 13.1 mm

Height [ h ] 16.7 mm

Solder pin [P] 3.6 mm

Pin spacing 2.5 mm

Hole diameter 1 mm

#### General

Range of articles PTSA 0,5

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 250 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current IN 2 A

Nominal cross section 0.5 mm<sup>2</sup>

Maximum load current 2 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 9 mm

Number of positions 12

#### Connection data

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 0.5 mm<sup>2</sup>

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

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

Conductor cross section AWG min. 24

Conductor cross section AWG max. 20

#### Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

#### Classifications

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 0,5/12-2,5-Z 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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