

**INDUSTRIAL COMPONENT DATA**

# PTDA 2,5/ 2-5,0 BK 1703378 PHOENIX CONTACT PCB terminal block

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTDA 2,5/ 2-5,0 BK             |
| Catalog number  | 1703378                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-565F66D22E                  |
| Generated       | 2026-08-05                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 24 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 2, article family: PTDA 2.5/, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 45 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, 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 1703378

Packing unit 1

GTIN 4046356649117

Custom tariff number 85369010

Dimensions

Length [ l ] 16 mm

Pitch 5 mm

Dimension a 5 mm

Width [ w ] 11.4 mm

Height 16 mm

Height [ h ] 19.5 mm

Solder pin [P] 3.5 mm

Pin spacing 5 mm

Hole diameter 1.3 mm

#### General

Range of articles PTDA 2,5/

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) 320 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> 24 A

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

Solder pin surface

Stripping length 10 mm

Number of positions 2

#### Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 14

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. 2.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1 mm<sup>2</sup>

#### Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Environmental Product Compliance

China RoHS Environmentally friendly use period:....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTDA 2,5/ 2-5,0 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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