

## INDUSTRIAL COMPONENT DATA

# PTDA 2,5/ 5-5,0 GNYE/BN/BU 1704078 PHOENIX CONTACT PCB terminal block, pitch: 5 mm, number of positions: 5, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTDA 2,5/ 5-5,0 GNYE/BN/BU



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTDA 2,5/ 5-5,0 GNYE/BN/BU     |
| Catalog number  | 1704078                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-E4C5983AB5                  |
| Generated       | 2026-08-06                     |

## Product Overview

PCB terminal block, pitch: 5 mm, number of positions: 5, color: multi-color

Printed circuit board terminal block, 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: 5, article family: PTDA 2.5/, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: multicolor, 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 1704078

Packing unit 1

GTIN 4046356672740

Custom tariff number 85369010

Dimensions

Length [ l ] 16 mm

Pitch 5 mm

Dimension a 20 mm

Width [ w ] 26.4 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 5

#### 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/ 5-5,0 GNYE/BN/BU 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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