

**INDUSTRIAL COMPONENT DATA**

# PTDA 2,5/ 2-5,0 BU 1080020 PHOENIX CONTACT PTDA 2,5/ 2-5,0 BU 1080020

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTDA 2,5/ 2-5,0 BU             |
| Catalog number  | 1080020                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-D17AED72B0                  |
| Generated       | 2026-08-03                     |

## Product Overview

PTDA 2,5/ 2-5,0 BU - 1080020

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: blue, 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

PCB terminal block, pitch: 5 mm, number of positions: 2, color: blue

Key Commercial Data

Orderkey 1080020

Packing unit 1

GTIN 4055626801537

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/2) 400 V  
Rated voltage (II/2) 630 V  
Nominal cross section 2.5 mm<sup>2</sup>  
Solder pin surface  
Stripping length 10 mm  
Number of positions 2  
Environmental Product Compliance  
China RoHS Environmentally friendly use period: unlimited = EFUP-e  
No hazardous substances above threshold values  
Classifications  
eCl@ss  
eCl@ss 8.0 27440401  
eCl@ss 9.0 27440401  
ETIM  
ETIM 5.0 EC002643  
ETIM for 1080020 Connectors (EC002643)  
Feature Name  
Feature Value  
Height (EF000040)  
19.5 mm  
Number of levels (EF002659)  
1  
Modular spacing connections (EF006827)  
5 mm  
Rated current I<sub>n</sub> (EF008250)  
24 A  
Rated voltage (EF000228)  
400 V  
Rated surge voltage (EF002993)  
4 kV  
Over voltage category (EF006785)  
III  
Pollution degree (EF006786)  
2  
Connection type conductor (EF006821)  
Spring clamp connection  
Connectable conductor cross section solid-core (EF007337)

0.2 mm<sup>2</sup>

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm<sup>2</sup>

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm<sup>2</sup>...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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