

**INDUSTRIAL COMPONENT DATA**

# PTTB 2,5-DIO/UL-UR 3211427 PHOENIX CONTACT

## Component terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTTB 2,5-DIO/UL-UR



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | PTTB 2,5-DIO/UL-UR       |
| Catalog number  | 3211427                  |
| Category        | Component terminal block |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-EE4147741F            |
| Generated       | 2026-08-03               |

### Product Overview

Component terminal block

Component terminal block, with integrated diode 1N4007, nominal voltage: 500 V, nominal current: 0.5 A, number of connections: 4, connection type: Push-in connection, 1st and 2nd floor, Dimensioning cross-section: 2.5 mm<sup>2</sup>, cross-section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting class: NS 35/7.5, NS 35/15, colour: grey

**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 > Modular TBs |
|--------------|-------------------------------|

### Additional Product Information

Key Commercial Data

Orderkey 3211427

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4046356433068

Weight per Piece (excluding packing) 13.000 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Note The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Number of levels 2  
Number of connections 4  
Nominal cross section 2.5 mm<sup>2</sup>  
Color gray  
Insulating material PA  
Flammability rating according to UL 94 V0  
Rated surge voltage 6 kV  
Degree of pollution 3  
Overvoltage category III  
Insulating material group I  
Maximum power dissipation for nominal condition 0.77 W (the value is multiplied when connecting multiple levels)  
Nominal current I<sub>N</sub> 0.5 A  
Maximum load current 0.5 A (with 4 mm<sup>2</sup> conductor cross section)  
Nominal voltage U<sub>N</sub> 500 V  
Open side panel Yes  
Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11  
Back of the hand protection guaranteed  
Finger protection guaranteed  
Result of surge voltage test Test passed  
Surge voltage test setpoint 7.3 kV  
Result of power-frequency withstand voltage test Test passed  
Power frequency withstand voltage setpoint 1.89 kV  
Checking the mechanical stability of terminal points (5 x conductor connection) Test passed  
Result of bending test Test passed  
Bending test rotation speed 10 rpm  
Bending test turns 135  
Bending test conductor cross section/weight 0.14 mm<sup>2</sup> / 0.2 kg  
2.5 mm<sup>2</sup> / 0.7 kg  
4 mm<sup>2</sup> / 0.9 kg  
Tensile te...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTTB 2,5-DIO/UL-UR 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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