

INDUSTRIAL COMPONENT DATA

PTTB 2,5-2DIO/U-OL/U-OR 3211445 PHOENIX CONTACT

Component terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTTB 2,5-2DIO/U-OL/U-OR



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTTB 2,5-2DIO/U-OL/U-OR
Catalog number	3211445
Category	Component terminal block
Minimum order	50 Pcs
Document ID	EO-E9622A5038
Generated	2026-08-03

Product Overview

Component terminal block

Terminal block for components, with integrated diode 1N4007, nominal voltage: 500 V, nominal current: 0.5 A, number of connections: 4, connection type: Push-in connection, Dimensioning section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², mounting class: NS 35/7.5, NS 35/15, color: gray

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 3211445

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 80 (C-1-2017)

GTIN 4055626371641

Weight per Piece (excluding packing) 11.340 g

Custom tariff number 85369010

Country of origin CN (China)

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 mm²

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_N 0.5 A

Maximum load current 0.5 A (with 4 mm² conductor cross section)

Nominal voltage U_N 500 V

Open side panel Yes

Dimensions

Width 5.2 mm

Length 68 mm

Height NS 35/7,5 47.5 mm

Height NS 35/15 55 mm

Connection data

Connection method Push-in connection

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 4 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section AWG min. 26

Conductor cross section AWG max. 12

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.14 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

Conductor cross section flex...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTTB 2,5-2DIO/U-OL/U-OR with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.