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-4A233C743D
Generated	2026-11-18

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 IN 0.5 A
Maximum load current 0.5 A (with 4 mm² conductor cross section)
Nominal voltage UN 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

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