INDUSTRIAL COMPONENT DATA

PTTB 2,5-2DIO/O-UL/UR-UL 3211430 PHOENIX CONTACT Component terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTTB 2,5-2DIO/O-UL/UR-UL
Catalog number	3211430
Category	Component terminal block
Minimum order	50 Pcs
Document ID	EO-4F0587549C
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 3211430
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 80 (C-1-2017)
GTIN 4046356433051
Weight per Piece (excluding packing) 13.100 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 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
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 mm² / 0.2 kg
2.5 mm² / 0.7 kg
4 mm² / 0.9 kg
Tensile te...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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