INDUSTRIAL COMPONENT DATA

# PT 2,5-DIO/L-R 3210224 PHOENIX CONTACT Component terminal block

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2,5-DIO/L-R**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PT 2,5-DIO/L-R |
| Catalog number | 3210224 |
| Category | Component terminal block |
| Minimum order | 50 Pcs |
| Document ID | EO-10138529C2 |
| Generated | 2026-11-18 |

## Product Overview

Component terminal block
Terminal block for components, The max. current is determined by the diode. Mounted: 1N 4007 diode, reverse voltage: 1300 V, constant limit current: 0.5 A., with integrated 1N4007 diode, nominal voltage: 800 V, nominal current: 0.5 A, connection type: Push-in connection, Sizing cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², mounting: 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Modular TBs |

## Additional Product Information

Key Commercial Data
Orderkey 3210224
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 79 (C-1-2017)
GTIN 4046356334532
Weight per Piece (excluding packing) 6.740 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 1
Number of connections 2
Potentials 1
Nominal cross section 2.5 mm²
Color gray
Insulating material PA
Flammability rating according to UL 94 V0
Rated surge voltage 8 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 0.77 W
Maximum load current 0.5 A (the maximum current is determined by the diode)
Nominal current IN 0.5 A
Nominal voltage UN 800 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 9.8 kV
Result of power-frequency withstand voltage test Test passed
Power frequency withstand voltage setpoint 2 kV
Result of the test for 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 test result Test passed
Condu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2,5-DIO/L-R 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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