

INDUSTRIAL COMPONENT DATA

PT 2,5/1P 3210033 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2,5/1P



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2,5/1P
Catalog number	3210033
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-A0B6C08063
Generated	2026-08-03

Product Overview

Feed-through terminal block

Feed-through terminal, nominal voltage: 500 V, nominal current: 24 A, number of connections: 2, connection type: Push-in connection / plug-in connection, Dimensioning cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², installation 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 3210033

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 287 (C-1-2017)

GTIN 4046356333412

Weight per Piece (excluding packing) 6.110 g

Custom tariff number 85369010

Country of origin DE (Germany)

General

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

Area of application Railway industry

Machine building

Plant engineering

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

Maximum load current 24 A (with 4 mm² conductor cross section)

Nominal current I_N 24 A

Nominal voltage U_N 500 V

Open side panel Yes

Insertion/withdrawal cycles mechanical 100

Result of surge voltage test Test passed

Surge voltage test setpoint 7.3 kV

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

Conductor cross section tensile test 0.14 mm²

Tractive force setpoint 10 N

Conductor cross section tensile test 2.5 mm²

Tractive force setpoint 50 N

Conductor cross section tensile test 4 mm²

Tractive force setpoint 60 N

Result of tight fit on support Test passed

Tight fit on carrier NS 35

Setpoint 1 N

Short circuit stability result Test passed

Conductor cross section short circuit test...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2,5/1P 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.