

INDUSTRIAL COMPONENT DATA

PT 2,5-3L 3210499 PHOENIX CONTACT Multi-level terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2,5-3L



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2,5-3L
Catalog number	3210499
Category	Feed-through terminal block
Minimum order	1 Pcs
Document ID	EO-59D6988A81
Generated	2026-08-02

Product Overview

Multi-level terminal block

Multi-floor terminal block, nominal voltage: 500 V, nominal current: 20 A, connection type: Push-in connection, 1., 2. and 3rd floor, Dimensioning cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², mounting class: NS 35/7.5, NS 35/15, colour: grey

Multi-stage terminal block, nominal voltage: 500 V, nominal current: 20 A, connection type: Push-in connection, 1., 2. und 3. Stage, Reference cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², Installation type: 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 3210499

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 71 (C-1-2017)

GTIN 4046356422574

Weight per Piece (excluding packing) 18.070 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Number of levels 3

Number of connections 6

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 (the value is multiplied when connecting multiple levels)

Connection in acc. with standard IEC 60947-7-1

Nominal current I_N 20 AMaximum load current 24 A (for 4 mm²)Nominal voltage U_N 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 kg2.5 mm² / 0.7 kg4 mm² / 0.9 kg

Tensile test result Test passed

Conductor cross sectio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2,5-3L 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.