INDUSTRIAL COMPONENT DATA

PTTB 2,5-R499/O-U 3210925 PHOENIX CONTACT Component terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTTB 2,5-R499/O-U



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTTB 2,5-R499/O-U
Catalog number	3210925
Category	Component terminal block
Minimum order	50 Pcs
Document ID	EO-3396105C5B
Generated	2026-11-18

Product Overview

Component terminal block
Terminal block for components, nominal voltage: 500 V, nominal current: 20 A, 1st and 2nd floor, connection type: Push-in connection, Dimensioning cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², mounting: 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 3210925
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 80 (C-1-2017)
GTIN 4046356772099
Weight per Piece (excluding packing) 12.080 g
Custom tariff number 85369010
Country of origin PL (Poland)
General
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 0.4 W (the value is multiplied when connecting multiple levels)
Ambient temperature (operation) -40 °C ... 130 °C
Connection in acc. with standard IEC 60947-7-1
Nominal current IN 20 A
Maximum load current 20 A
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 test result Test passed
Conductor cross section tensile test 0.14 mm²
Tractive fo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTTB 2,5-R499/O-U 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.