INDUSTRIAL COMPONENT DATA

ST 2,5-TWIN/ 1P 3042117 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST 2,5-TWIN/ 1P



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST 2,5-TWIN/ 1P
Catalog number	3042117
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-D3C15E0AFA
Generated	2026-11-18

Product Overview

Feed-through terminal block
Feed-through terminal, nominal voltage: 500 V, nominal current: 24 A, number of connections: 3, number of poles: 1, connection type: Spring connection / plug-in connection, 1st floor, left-hand connection, Sizing section: 2.5 mm², cross-section: 0.08 mm² - 4 mm², 1st floor, right-hand connection, 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 3042117
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 311 (C-1-2017)
GTIN 4017918927158
Weight per Piece (excluding packing) 7.420 g
Custom tariff number 85369010
Country of origin DE (Germany)
General
Number of levels 1
Number of connections 3

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
Connection in acc. with standard IEC 61984
Nominal current IN 24 A (observe derating)
Maximum load current 24 A (For 4 mm² conductor cross section, se derating curve)
Nominal voltage UN 500 V
Open side panel Yes
Number of positions 1
Insertion/withdrawal cycles mechanical 100
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
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 testing 2.5 mm²
Short-time current 0.3 kA
Result of thermal test Test passed
Proof of thermal characteristics (needle flame) effective duration 30 s
Oscillation, broadband noise test result Test passed
Test specification, oscillation, broadban...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST 2,5-TWIN/ 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

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