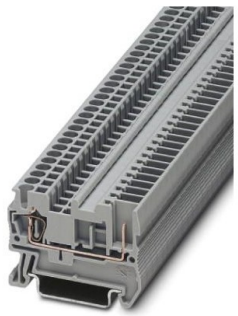
INDUSTRIAL COMPONENT DATA

ST 2,5/ 1P 3040012 PHOENIX CONTACT Feed-through terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST 2,5/ 1P
Catalog number	3040012
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-A811918CE4
Generated	2026-11-18

Product Overview

Feed-through terminal block
Feed-through terminal, nominal voltage: 500 V, nominal current: 24 A, number of connections: 2, connection type: Spring connection / plug-in connection, 1st floor, left-hand connection, Dimensioning cross-section: 2.5 mm², cross-section: 0.08 mm² - 4 mm², 1st floor, right-hand connection, mounting 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 3040012
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 311 (C-1-2017)
GTIN 4017918832612
Weight per Piece (excluding packing) 5.500 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
Ambient temperature (operation) -50 °C (see derating curve)
Ambient temperature (assembly) -40 °C ... 100 °C
Maximum load current 24 A (For 4 mm² conductor cross section, se derating curve)
Nominal current IN 24 A (see derating curve)
Nominal voltage UN 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 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
Conductor cross section short circuit testing 4 mm²
Short-time current 0.48 kA
Result of thermal test Test passed
Proof of thermal characteris...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST 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.