

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-BF3B161725
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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
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Additional Product Information

Key Commercial Data

Orderkey 3040012

Packing unit 50 pc

Minimum order quantity 50 pc

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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, see derating curve)

Nominal current I_N 24 A (see derating curve)

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 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

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