INDUSTRIAL COMPONENT DATA

# ST 2,5/ 1P BU 3040656 PHOENIX CONTACT Feed-through terminal block

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



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ST 2,5/ 1P BU |
| Catalog number | 3040656 |
| Category | Feed-through terminal block |
| Minimum order | 50 Pcs |
| Document ID | EO-45D2DF343E |
| 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: blue

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Modular TBs |

## Additional Product Information

Key Commercial Data
Orderkey 3040656
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 311 (C-1-2017)
GTIN 4017918832513
Weight per Piece (excluding packing) 5.580 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 blue
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
Maximum load current 24 A (For 4 mm² conductor cross section, se derating curve)
Nominal current IN 24 A
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 characteristics (needle flame) effective duration 30 s
Oscillation, broadband noise test result Test passed
Test specification, oscillation,....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST 2,5/ 1P BU 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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