

**INDUSTRIAL COMPONENT DATA**

# ST 2,5-QUATTRO BK 3037452 PHOENIX CONTACT

## Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST 2,5-QUATTRO BK



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | ST 2,5-QUATTRO BK           |
| Catalog number  | 3037452                     |
| Category        | Feed-through terminal block |
| Minimum order   | 50 Pcs                      |
| Document ID     | EO-4D08E17E76               |
| Generated       | 2026-08-03                  |

### Product Overview

Feed-through terminal block

Feed-through terminal, nominal voltage: 800 V, nominal current: 24 A, number of connections: 4, connection type: Spring connection, Sizing cross-section: 2.5 mm<sup>2</sup>, cross-section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting class: NS 35/7.5, NS 35/15, color: black

**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 &gt; Modular TBs

### Additional Product Information

Key Commercial Data

Orderkey 3037452

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918622480

Weight per Piece (excluding packing) 8.500 g

Custom tariff number 85369010

Country of origin DE (Germany)

General

Number of levels 1

Number of connections 4

Potentials 1

Nominal cross section 2.5 mm<sup>2</sup>  
Color black  
Insulating material PA  
Flammability rating according to UL 94 V0  
Rated surge voltage 8 kV  
Degree of pollution 3  
Overvoltage category III  
Insulating material group I  
Maximum power dissipation for nominal condition 0.77 W  
Maximum load current 28 A (with 4 mm<sup>2</sup> conductor cross section)  
Nominal current I<sub>N</sub> 24 A  
Nominal voltage U<sub>N</sub> 800 V  
Open side panel Yes  
Relative insulation material temperature index (Elec., UL 746 B) 130 °C  
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C  
Static insulating material application in cold -60 °C  
Behavior in fire for rail vehicles (DIN 5510-2) Test passed  
Flame test method (DIN EN 60695-11-10) V0  
Oxygen index (DIN EN ISO 4589-2) >32 %  
NF F16-101, NF F10-102 Class I 2  
NF F16-101, NF F10-102 Class F 2  
Surface flammability NFPA 130 (ASTM E 162) passed  
Specific optical density of smoke NFPA 130 (ASTM E 662) passed  
Smoke gas toxicity NFPA 130 (SMP 800C) passed  
Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg  
Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3  
Fire protection for rail vehicles (DIN EN 45545-2) R23 HL 1 - HL 3  
Fire protection for rail vehicles (DIN EN 45545-2) R24 HL 1 - HL 3  
F...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST 2,5-QUATTRO BK with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.