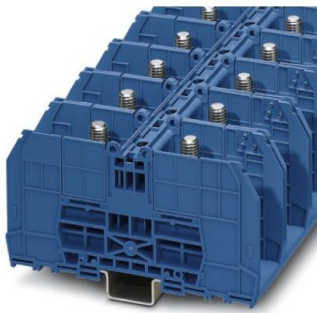


**INDUSTRIAL COMPONENT DATA**

# RBO 10 BU 3244616 PHOENIX CONTACT Bolt connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: RBO 10 BU



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | RBO 10 BU                   |
| Catalog number  | 3244616                     |
| Category        | Feed-through terminal block |
| Minimum order   | 5 Pcs                       |
| Document ID     | EO-3DF96D723E               |
| Generated       | 2026-08-01                  |

## Product Overview

Bolt connection terminal block

Stud connection terminal, nominal voltage: 1000 V, nominal current: 309 A, number of connections: 2, number of poles: 1, connection type: Stud connection, 1st floor, Dimensioning section: 150 mm², mounting class: NS 35/7.5, NS 35/15, color: blue

**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; Enclosures connectivity

## Additional Product Information

Key Commercial Data

Orderkey 3244616

Packing unit 5 pc

Minimum order quantity 5 pc

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GTIN 4046356724388

Weight per Piece (excluding packing) 273.600 g

Custom tariff number 85369010

Country of origin CN (China)

General

Number of positions 1

Number of levels 1

Number of connections 2  
Potentials 1  
Nominal cross section 150 mm<sup>2</sup>  
Color blue  
Insulating material PA  
Flammability rating according to UL 94 V0  
Area of application Railway industry  
Machine building  
Plant engineering  
Rated surge voltage 8 kV  
Degree of pollution 3  
Overvoltage category III  
Insulating material group I  
Maximum power dissipation for nominal condition 9.55 W  
Maximum load current 309 A (with 150 mm<sup>2</sup> conductor cross section)  
Nominal current I<sub>N</sub> 309 A  
Nominal voltage U<sub>N</sub> 1000 V  
Open side panel No  
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 pr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RBO 10 BU 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

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