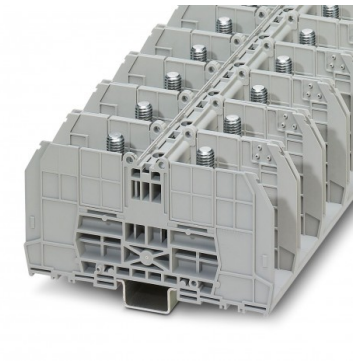
INDUSTRIAL COMPONENT DATA

RBO 10 3244614 PHOENIX CONTACT Bolt connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: RBO 10



Manufacturer	PHOENIX CONTACT
MPN / Reference	RBO 10
Catalog number	3244614
Category	Feed-through terminal block
Minimum order	5 Pcs
Document ID	EO-5A6DF0CD3D
Generated	2026-11-18

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: gray
Bolt connection terminal block, nom. voltage: 1000 V, nominal current: 309 A, number of connections: 2, number of positions: 1, connection method: Bolt connection, 1 level, Rated cross section: 150 mm2, mounting type: NS 35/7,5, NS 35/15, color: gray

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 > Enclosures connectivity

Additional Product Information

Technical dataProduct propertiesProduct type Bolt connection terminal block
Product family RBO
Area of application Railway industry
Machine building
Plant engineering
Number of positions 1
Pitch 41 mm
Number of connections 2
Number of rows 1

Potentials 1
Data management status
Article revision 06
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical propertiesRated surge voltage 8 kV
Maximum power dissipation for nominal condition 9.55 W
Connection dataNumber of connections per level 2
Nominal cross section 150 mm²
1 level
Screw thread M10
Stripping length The stripping length depends on the specification provided by the cable lug manufacturer.
Connection in acc. with standard IEC 60947-7-1
Nominal current 309 A
Maximum load current 309 A (with 150 mm² conductor cross section)
Nominal voltage 1000 V
Nominal cross section 150 mm²
Cable lug connection DIN 46234:1980-03
Connection in acc. with standard DIN 46234:1980-03
Cross section 6 mm² ... 150 mm²
Cross section range AWG (converted acc. to IEC)
Hole diameter 10.5 mm
Width 30 mm
Bolt diameter 10 mm
Screw thread M10
Tightening torque 10 ... 20 Nm
Connection in acc. with standard DIN 46235:1983-07
Cross section 16 mm² ... 150 mm²
Cross section range AWG (converted acc. to IEC)
Hole diameter 10.5 mm
Width 34 mm
Bolt diameter 10 mm
Screw thread M10
Tightening torque 10 ... 20 Nm
Connection in acc. with standard DIN 46237:1970-07
Cross section 6 mm² ... 6 mm²
Cross section range AWG (converted acc.....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RBO 10 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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