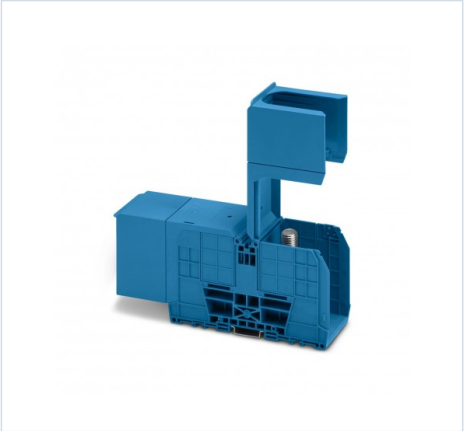
INDUSTRIAL COMPONENT DATA

RBO 16-HC BU 3247990 PHOENIX CONTACT Bolt connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: RBO 16-HC BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	RBO 16-HC BU
Catalog number	3247990
Category	Feed-through terminal block
Minimum order	5 Pcs
Document ID	EO-A639551E5A
Generated	2026-11-19

Product Overview

Bolt connection terminal block
Stud terminal block, nominal voltage: 1500 V, nominal current: 520 A, number of connections: 2, number of poles: 1, connection type: Stud connection, 1st floor, Dimensioning cross-section: 300 mm², mounting class: NS 35/7.5, NS 35/15, direct screwed, color: blue
Bolt connection terminal block, nom. voltage: 1000 V, nominal current: 520 A, number of connections: 2, number of positions: 1, connection method: Bolt connection, Rated cross section: 300 mm2, mounting type: NS 35/7,5, NS 35/15, direct screw connection, 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 > Enclosures connectivity

Additional Product Information

Technical dataProduct propertiesProduct type Bolt connection terminal block
Area of application Railway industry
Machine building
Plant engineering
Number of positions 1
Pitch 54.8 mm
Number of connections 2
Number of rows 1
Potentials 1

Data management status
Article revision 07
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical propertiesRated surge voltage 8 kV
Maximum power dissipation for nominal condition 16.22 W
Connection dataNumber of connections per level 2
Nominal cross section 300 mm²
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 520 A
Maximum load current 520 A (At a conductor cross section of 300 mm²)
Nominal voltage 1000 V
Nominal cross section 300 mm²
Cable lug connection DIN 46234:1980-03
Connection in acc. with standard DIN 46234:1980-03
Cross section 25 mm² ... 300 mm²
Cross section range AWG 4 ... 600 kcmil (converted acc. to IEC)
Hole diameter 17 mm
Width 38 mm
Bolt diameter 16 mm
Screw thread M16
Tightening torque 25 ... 35 Nm
Connection in acc. with standard DIN 46235:1983-07
Cross section 25 mm² ... 300 mm²
Cross section range AWG 4 ... 600 kcmil (converted acc. to IEC)
Hole diameter 17 mm
Width 48 mm
Bolt diameter 16 mm
Screw thread M16
Tightening torque 25 ... 35 Nm
Ex dataRated data (ATEX/IECEx)
Identification ? II 2 GD Ex eb IIC Gb
Operating temperature range -60 °C ... 110 °C
Ex-certified ac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RBO 16-HC 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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