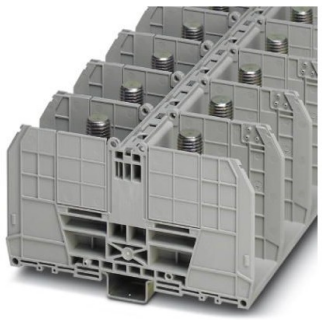
INDUSTRIAL COMPONENT DATA

RBO 16 3244630 PHOENIX CONTACT Bolt connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: RBO 16



Manufacturer	PHOENIX CONTACT
MPN / Reference	RBO 16
Catalog number	3244630
Category	Feed-through terminal block
Minimum order	5 Pcs
Document ID	EO-A28504FF70
Generated	2026-11-18

Product Overview

Bolt connection terminal block
Stud connection terminal, nominal voltage: 1000 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, 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

Key Commercial Data
Orderkey 3244630
Packing unit 5 pc
Minimum order quantity 5 pc
Catalog page Page 543 (C-1-2017)
GTIN 4046356583961
Weight per Piece (excluding packing) 568.000 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 300 mm²
Color gray
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 16.22 W
Maximum load current 520 A (At a conductor cross section of 300 mm²)
Nominal current IN 520 A
Nominal voltage UN 1000 V
Open side panel No
Result of surge voltage test Test passed
Surge voltage test setpoint 9.8 kV
Result of power-frequency withstand voltage test Test passed
Power frequency withstand voltage setpoint 2.2 kV
Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed
Result of tight fit on support Test passed
Tight fit on carrier NS 35
Setpoint 20 N
Result of voltage-drop test Test passed
Requirements, voltage drop <= 3.2 mV
Result of temperature-rise test Test passed
Short circuit stability result Test passed
Conductor cross section short circuit testing 300 mm²
Short-time current 36 kA
Result of thermal test Test passed
Proof of thermal characteristics (needle flame) e...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RBO 16 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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