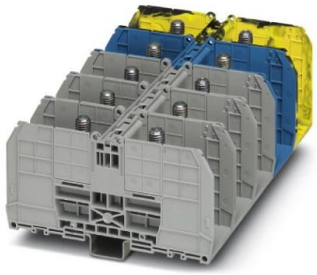
INDUSTRIAL COMPONENT DATA

RBO 16-3L/N 3076277 PHOENIX CONTACT Bolt connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: RBO 16-3L/N



Manufacturer	PHOENIX CONTACT
MPN / Reference	RBO 16-3L/N
Catalog number	3076277
Category	Feed-through terminal block
Minimum order	2 Pcs
Document ID	EO-2996D17975
Generated	2026-11-19

Product Overview

Bolt connection terminal block
Stud terminal block, nominal voltage: 1000 V, nominal current: 520 A, number of connections: 8, number of poles: 4, connection type: Stud connection, 1st floor, Dimensioning cross-section: 300 mm², mounting class: NS 35/7.5, NS 35/15, direct screwing, colour: grey/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

Key Commercial Data
Orderkey 3076277
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 543 (C-1-2017)
GTIN 4046356653510
Weight per Piece (excluding packing) 2,245.500 g
Custom tariff number 85369010
Country of origin CN (China)
General
Number of positions 4
Number of levels 1

Number of connections 8
Potentials 4
Nominal cross section 300 mm²
Color gray/blue
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 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
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RBO 16-3L/N 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

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.