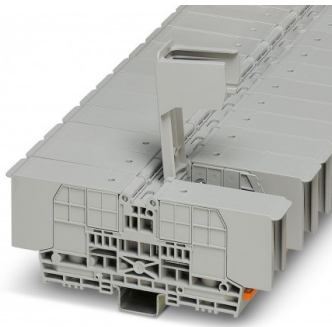


INDUSTRIAL COMPONENT DATA

RBO 6-WD-HC 1099418 PHOENIX CONTACT Bolt connection terminal block, nom. voltage: 1000 V, nominal current: 1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: RBO 6-WD-HC



Manufacturer	PHOENIX CONTACT
MPN / Reference	RBO 6-WD-HC
Catalog number	1099418
Category	Feed-through terminal block
Minimum order	10 Pcs
Document ID	EO-DE00245D6F
Generated	2026-08-05

Product Overview

Bolt connection terminal block, nom. voltage: 1000 V, nominal current: 125 A, connection method: Bolt connection, number of connections: 2, number of positions: 1, cross section: 2.5 mm² - 35 mm², AWG: 12 - 2, width: 27 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

Stud connection terminal, nominal voltage: 1000 V, nominal current: 125 A, number of connections: 2, number of poles: 1, connection type: Stud connection, 1st floor, Sizing cross-section: 35 mm², cross-section: 2.5 mm² - 35 mm², mounting class: NS 35/7.5, NS 35/15, color: gray

Bolt connection terminal block, nom. voltage: 1000 V, nominal current: 125 A, number of connections: 2, number of positions: 1, connection method: Bolt connection, 1 level, Rated cross section: 35 mm², cross section: 2.5 mm² - 35 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
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Additional Product Information

Technical dataProduct propertiesProduct type Bolt connection terminal block

Number of positions 1

Number of connections 2

Number of rows 1

Potentials 1

Data management status

Article revision 00

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical properties Rated surge voltage 8 kV

Maximum power dissipation for nominal condition 4.06 W

Connection data Number of connections per level 2

Nominal cross section 35 mm²

1 level

Tightening torque 3.2 ... 3.7 Nm

Stripping length The stripping length depends on the specification provided by the cable lug manufacturer.

Connection in acc. with standard IEC 60947-7-1

Conductor cross section rigid 2.5 mm² ... 35 mm²

Cross section AWG 12 ... 2 (converted acc. to IEC)

Conductor cross section flexible 2.5 mm² ... 35 mm²

Conductor cross section, flexible [AWG] 12 ... 2 (converted acc. to IEC)

Nominal current 125 A

Maximum load current 125 A (with 35 mm² conductor cross section)

Nominal voltage 1000 V

Nominal cross section 35 mm²

Cable lug connection DIN 46234:1980-03

Connection in acc. with standard DIN 46234:1980-03

Cross section 6 mm² ... 35 mm²

Cross section range AWG (converted acc. to IEC)

Hole diameter 6.5 mm

Width 15 mm

Bolt diameter 6 mm

Screw thread M6

Tightening torque 6 ... 8 Nm

Connection in acc. with standard DIN 46237:1970-07

Cross section 2.5 mm² ... 6 mm²

Cross section range AWG (converted acc. to IEC)

Hole diameter 6.5 mm

Width 11 mm

Bolt diameter 6 mm

Screw thread M6

Tightening torque 6 ... 8 N...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RBO 6-WD-HC 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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