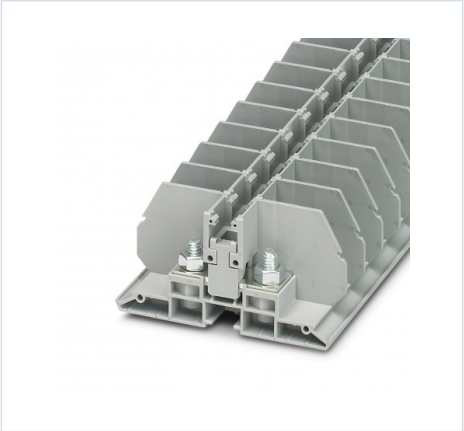
INDUSTRIAL COMPONENT DATA

RBO 6-F 3075935 PHOENIX CONTACT Bolt connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: RBO 6-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	RBO 6-F
Catalog number	3075935
Category	Feed-through terminal block
Minimum order	40 Pcs
Document ID	EO-5C933C88D9
Generated	2026-11-19

Product Overview

Bolt connection terminal block
Stud connection terminal, nominal voltage: 800 V, nominal current: 125 A, number of connections: 2, connection type: Stud connection, 1st floor, Dimensioning section: 35 mm², mounting type: direct screwed, color: gray
Bolt connection terminal block, nom. voltage: 800 V, nominal current: 125 A, number of connections: 2, connection method: Bolt connection, 1 level, Rated cross section: 35 mm2, mounting type: direct screw connection, 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
Pitch 17 mm
Number of connections 2
Number of rows 1
Potentials 1
Data management status
Article revision 01
Insulation characteristics
Overvoltage category III
Degree of pollution 3

Electrical propertiesRated surge voltage 8 kV
Maximum power dissipation for nominal condition 4.06 W
Connection dataNumber of connections per level 2
Nominal cross section 35 mm²
1 level
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 125 A
Maximum load current 125 A (with 35 mm² conductor cross section)
Nominal voltage 800 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 10 ... 2 (converted acc. to IEC)
Hole diameter 6.5 mm
Width 15 mm
Bolt diameter 6 mm
Screw thread M6
Tightening torque 3.2 ... 3.7 Nm
Connection in acc. with standard DIN 46237:1970-07
Cross section 2.5 mm² ... 6 mm²
Cross section range AWG 14 ... 10 (converted acc. to IEC)
Hole diameter 6.5 mm
Width 11 mm
Bolt diameter 6 mm
Screw thread M6
Tightening torque 3.2 ... 3.7 Nm
Identification color of ring cable lugs : blue 2.5 mm²
Identification color of ring cable lugs : yellow 6 mm²
DimensionsWidth 17 mm
End cover width 2.2 mm
Height 80.8 mm
Depth 39.7 mm
Pitch 17 mm
Material specificationsCo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RBO 6-F 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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