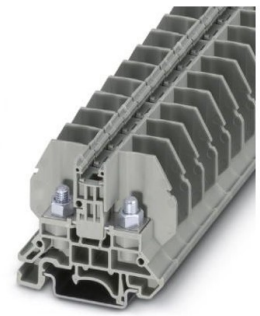
INDUSTRIAL COMPONENT DATA

RBO 5 3058059 PHOENIX CONTACT Bolt connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: RBO 5



Manufacturer	PHOENIX CONTACT
MPN / Reference	RBO 5
Catalog number	3058059
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-66AFF79883
Generated	2026-11-18

Product Overview

Bolt connection terminal block
Feed-through terminal block with bolt connection technology, cross-section: 0.1 - 6 mm², AWG: 26 - 10, width: 13 mm, colour: grey

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 3058059
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 539 (C-1-2017)
GTIN 4046356500319
Weight per Piece (excluding packing) 19.130 g
Custom tariff number 85369010
Country of origin IN (India)
General
Number of levels 1
Number of connections 2
Potentials 1

Nominal cross section 10 mm²
Color gray
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 1.82 W
Maximum load current 57 A (with 10 mm² conductor cross section)
Nominal current IN 57 A
Nominal voltage UN 800 V
Open side panel Yes
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 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 32/NS 35
Setpoint 5 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 10 mm²
Short-time current 1.2 kA
Result of thermal test Test passed
Proof of thermal characteristics (needle flame) effective duration 30 s
Oscillation, broadband noise test result Test passed
Test specification, os...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RBO 5 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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