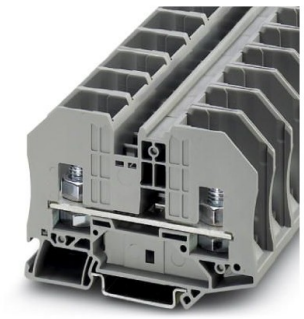
INDUSTRIAL COMPONENT DATA

RTO 8 3049343 PHOENIX CONTACT Bolt connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: RTO 8



Manufacturer	PHOENIX CONTACT
MPN / Reference	RTO 8
Catalog number	3049343
Category	Feed-through terminal block
Minimum order	25 Pcs
Document ID	EO-81CDBF6212
Generated	2026-11-18

Product Overview

Bolt connection terminal block
Stud connection terminal, nominal voltage: 1000 V, nominal current: 125 A, number of connections: 2, number of poles: 1, connection type: Stud connection, Dimensioning section: 35 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 3049343
Packing unit 25 pc
Minimum order quantity 25 pc
Catalog page Page 383 (C-1-2017)
GTIN 4046356140058
Weight per Piece (excluding packing) 79.400 g
Custom tariff number 85369010
Country of origin DE (Germany)
General
Note Note: the BE-RT... path extension is to be used for non-insulated cable lugs (see accessories).
Number of positions 1
Number of levels 1

Number of connections 2
Potentials 1
Nominal cross section 35 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 4.06 W
Maximum load current 125 A (with 35 mm² conductor cross section)
Nominal current IN 125 A
Nominal voltage UN 1000 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 2.2 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 10 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 35 mm²
Short-time current 4.2 kA
Result of thermal test Test passed
Proof of thermal chara...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RTO 8 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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