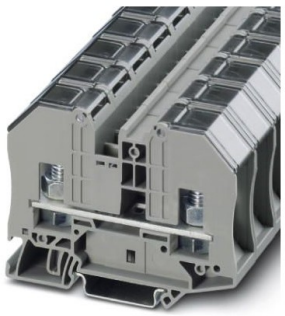
INDUSTRIAL COMPONENT DATA

RTO 8-TC 3050002 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: RTO 8-TC



Manufacturer	PHOENIX CONTACT
MPN / Reference	RTO 8-TC
Catalog number	3050002
Category	Feed-through terminal block
Minimum order	25 Pcs
Document ID	EO-122969FBCE
Generated	2026-11-18

Product Overview

Feed-through terminal block
Feed-through terminal block with stud connection technology and transparent protective cover, cross-section: 2.5 - 35 mm², AWG: 14 - 2, width: 20.2 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 3050002
Packing unit 25 pc
Minimum order quantity 25 pc
Catalog page Page 383 (C-1-2017)
GTIN 4046356431415
Weight per Piece (excluding packing) 85.560 g
Custom tariff number 85369010
Country of origin CN (China)
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
Dimensions
Width 20.2 mm
End cover width 2.2 mm
Length 84 mm
Height 63.2 mm
Height NS 35/7,5 63.8 mm
Height NS 35/15 71.3 mm
Connection data
Note Connection bolts
Connection method Bolt connection
Screw thread M8
Tightening torque, min 6 Nm
Tightening torque max 10 Nm
Conductor cross section solid min. 2.5 mm²
Conductor cross section solid max. 35 mm²
Conductor cross section flexible min. 2.5 mm²
Conductor cross section flexible max. 35 mm²
Min. AWG conductor cross section, flexible 14
Max. AWG conductor cross section, flexible 2
Conductor cross section flexible, with ferrule with plastic sleeve min. 2.5 mm²
Conductor cross section flexible, with ferrule with plasti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RTO 8-TC 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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