INDUSTRIAL COMPONENT DATA

BTO 14-F 3281185 PHOENIX CONTACT Feed-through modular terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BTO 14-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	BTO 14-F
Catalog number	3281185
Category	Feed-through terminal block
Minimum order	25 Pcs
Document ID	EO-4443070835
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Product Overview

Feed-through modular terminal block
Pitch rail terminal block, with hole for air screws and flange on the left side, nominal voltage: 690 V, nominal current: 76 A, connection type: Annular cable terminal, number of connections: 2, width: 23.9 mm, height: 43.9 mm, color: black, mounting type: Direct screwed or on rail

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 3281185
Packing unit 25 pc
Minimum order quantity 25 pc
Note Made to Order (non-returnable)
GTIN 4055626406923
Weight per Piece (excluding packing) 25.120 g
Custom tariff number 85369010
Country of origin IN (India)
General
Number of levels 1
Number of connections 2

Potentials 1
Nominal cross section 16 mm²
Color black
Insulating material PC
Flammability rating according to UL 94 V0
Rated surge voltage 8 kV
Degree of pollution 3
Overvoltage category III
Insulating material group IIIa
Maximum power dissipation for nominal condition 2.43 W
Ambient temperature (operation) -40 °C ... 110 °C
Maximum load current 76 A
Nominal current IN 76 A
Nominal voltage UN 690 V
Open side panel Yes
Shock protection test specification IEC 60529:2001-02
Back of the hand protection guaranteed
Finger protection guaranteed
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 1.89 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 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 16 mm²
Short-time current 1.92 kA
Result of thermal test Test passed
Proof of...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BTO 14-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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