

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-9ED115D118
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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 I_N 76 A

Nominal voltage U_N 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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