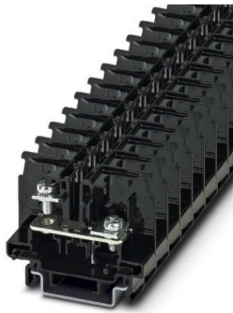


INDUSTRIAL COMPONENT DATA

BTO 5,5-F 3281142 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BTO 5,5-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	BTO 5,5-F
Catalog number	3281142
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-F5BFCB6874
Generated	2026-08-04

Product Overview

Feed-through terminal block

Feed-through terminal, with hole for air screws and flange on the left side, nominal voltage: 690 V, nominal current: 41 A, connection type: Annular cable terminal, number of connections: 2, width: 11 mm, height: 39.9 mm, color: black, mounting class: 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 3281142

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4055626406855

Weight per Piece (excluding packing) 14.650 g

Custom tariff number 85369010

Country of origin IN (India)

General

Number of levels 1

Number of connections 2

Potentials 1Nominal cross section 6 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 1.02 W

Ambient temperature (operation) -40 °C ... 110 °C

Maximum load current 41 A

Nominal current I_N 41 ANominal voltage U_N 690 V

Open side panel Yes

Dimensions

Width 11 mm

Length 50.2 mm

Height 39.9 mm

Height NS 35/7,5 41 mm

Height NS 35/15 48.5 mm

Pitch 11 mm

Connection data

Connection method Ring cable lug

Connection in acc. with standard IEC 60947-7-1

Conductor cross section solid min. 0.2 mm²Conductor cross section solid max. 6 mm²Conductor cross section flexible min. 0.14 mm²Conductor cross section flexible max. 6 mm²

Min. AWG conductor cross section, flexible 24

Max. AWG conductor cross section, flexible 10

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.2 mm²Conductor cross section flexible, with ferrule with plastic sleeve max. 6 mm²

Cable lug connection according to standard DIN 46234

Min. cross section for cable lug connection 0.14 mm²

Max. cross section for cable lug connection...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BTO 5,5-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.