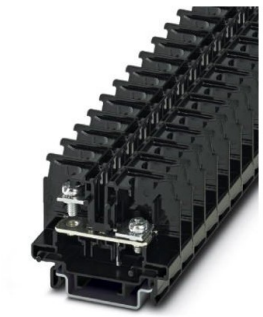
INDUSTRIAL COMPONENT DATA

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-DDFCDD6511
Generated	2026-11-19

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 1
Nominal 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 IN 41 A
Nominal voltage UN 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 mm²
Conductor cross section solid max. 6 mm²
Conductor cross section flexible min. 0.14 mm²
Conductor 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 mm²
Conductor 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

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