INDUSTRIAL COMPONENT DATA

BTO 1,25 3281100 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BTO 1,25



Manufacturer	PHOENIX CONTACT
MPN / Reference	BTO 1,25
Catalog number	3281100
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-0AADD4FECD
Generated	2026-11-19

Product Overview

Feed-through terminal block
Feed-through terminal, with hole for air screws, nominal voltage: 690 V, nominal current: 17.5 A, connection type: Annular cable terminal, number of connections: 2, width: 7 mm, color: black, mounting class: NS 35/7.5, NS 35/15

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 3281100
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 386 (C-1-2017)
GTIN 4055626118062
Weight per Piece (excluding packing) 6.330 g
Custom tariff number 85369010
Country of origin IN (India)
General
Number of levels 1
Number of connections 2

Potentials 1
Nominal cross section 1.5 mm²
Color black
Insulating material PC
Flammability rating according to UL 94 V0
Rated surge voltage 6 kV
Degree of pollution 3
Overvoltage category III
Insulating material group IIIa
Maximum power dissipation for nominal condition 0.56 W
Ambient temperature (operation) -40 °C ... 110 °C
Maximum load current 17.5 A
Nominal current IN 17.5 A
Nominal voltage UN 690 V
Open side panel Yes
Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection guaranteed
Note regarding shock protection Finger safety is only guaranteed with cover profile.
Result of surge voltage test Test passed
Surge voltage test setpoint 7.3 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 bending test Test passed
Bending test rotation speed 10 rpm
Bending test turns 135
Bending test conductor cross section/weight 1.5 mm² / 0.4 kg
Tensile test result Test passed
Conductor cross section tensile test 1.5 mm²
Tractive force setpoint 40....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BTO 1,25 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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