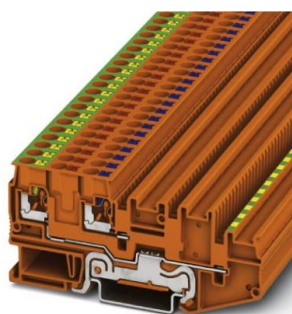


INDUSTRIAL COMPONENT DATA

PTIO-IN 2,5/4-PE OG 3244481 PHOENIX CONTACT

Sensor/actuator terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTIO-IN 2,5/4-PE OG



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTIO-IN 2,5/4-PE OG
Catalog number	3244481
Category	Sensor/actuator terminal block
Minimum order	50 Pcs
Document ID	EO-3E09F151C8
Generated	2026-08-02

Product Overview

Sensor/actuator terminal block

Terminal block for detectors/actuators, Power terminal with earth protection conductor function, nominal voltage: 250 V, nominal current: 20 A, number of connections: 3, connection type: Push-in connection, Dimensioning cross-section: 2.5 mm², cross-section: 0.2 mm² - 4 mm², mounting class: NS 35/7.5, NS 35/15, color: orange

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 > Modular TBs

Additional Product Information

Key Commercial Data

Orderkey 3244481

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 39 (C-1-2017)

GTIN 4046356735896

Weight per Piece (excluding packing) 18.470 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Number of levels 4

Number of connections 3

Potentials 3

Nominal cross section 2.5 mm²

Color orange

Insulating material PA

Flammability rating according to UL 94 V0

Maximum load current 20 A

Rated surge voltage 4 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum power dissipation for nominal condition 0.77 W (the value is multiplied when connecting multiple levels)

Maximum load current 20 A

Nominal current I_N 20 A

Nominal voltage U_N 250 V

Open side panel Yes

Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11

Back of the hand protection guaranteed

Finger protection guaranteed

Result of surge voltage test Test passed

Surge voltage test setpoint 4.8 kV

Result of power-frequency withstand voltage test Test passed

Power frequency withstand voltage setpoint 1.5 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 0.2 mm² / 0.2 kg

2.5 mm² / 0.7 kg

4 mm² / 0.9 kg

Tensile test result Test passed

Conductor cross section tensile test 0.2 mm²

Tractive force setpoint 10 N

Conductor cross section tensil...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTIO-IN 2,5/4-PE OG 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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