

INDUSTRIAL COMPONENT DATA

PT 2,5/ 3-5,0-V PA 1,3 1701658 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2,5/ 3-5,0-V PA 1,3



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2,5/ 3-5,0-V PA 1,3
Catalog number	1701658
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-35183DB9BF
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, dimensioning voltage (III/2): 400 V, nominal section: 2.5 mm², Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, family of articles: PT 2.5/.. -V, pitch: 5mm, connection type: Screw connection with wire protection bracket, mounting: Wave soldering, conductor/printed circuit board connection direction: 90°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.1 mm, packaging type: boxed

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 > PCB Connectors (PCC)

Additional Product Information

Key Commercial Data

Orderkey 1701658

Packing unit 1

GTIN 4046356554848

Custom tariff number 85369010

Dimensions

Length [l] 13.5 mm

Pitch 5 mm

Dimension a 10 mm

Height 14 mm

Height [h] 9 mm

Solder pin [P] 4.1 mm

Pin spacing 5 mm

Hole diameter 1.3 mm

General

Range of articles PT 2,5/..-V

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 32 A

Nominal cross section 2.5 mm²

Maximum load current 32 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3 / B3

Stripping length 6.5 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.45 Nm

Tightening torque max 0.5 Nm

Connection data

Conductor cross section AWG min. 20

Conductor cross section AWG max. 10

2 conductors with same cross section, solid min. 0.5 mm²

2 conductors with same cross section, solid max. 1.5 mm²

2 conductors with same cross section, stranded min. 0.5 mm²

2 conductors with same cross section, stranded max. 1.5 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.75 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²

2 conductors with same cross sec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2,5/ 3-5,0-V PA 1,3 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.