

INDUSTRIAL COMPONENT DATA

PT 2,5/16-5,0-V 1987863 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2,5/16-5,0-V



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2,5/16-5,0-V
Catalog number	1987863
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-D0DB91CFEB
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of potentials: 16, number of rows: 1, number of poles per row: 16, family of articles: PT 2.5/.. -V, pitch: 5 mm, connection type: Screw connection with wire protection bracket, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.1 mm, number of solder pins per potential: 1, 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 1987863

Packing unit 50 pc

Note Made to Order (non-returnable)

Catalog page Page 427 (C-1-2013)

GTIN 4017918973339

Weight per Piece (excluding packing) 19.340 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 13.5 mm

Pitch 5 mm

Dimension a 75 mm

Width [w] 80 mm

Height 9 mm

Height [h] 13.1 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 (current values dependent on no. of pos., dimensioning of printed circuits, and ambient temperature)

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 16

Screw thread M3

Tightening torque, min 0.45 Nm

Tightening torque max 0.5 Nm

Connection data

Conductor cross section solid min. 0.5 mm²

Conductor cross section solid max. 4 mm²

Conductor cross section flexible min. 0.5 mm²

Conductor cross section flexible max. 4 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

Conductor cr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2,5/16-5,0-V 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.