

INDUSTRIAL COMPONENT DATA

PTDA 2,5/ 5-5,0 3RZ MIXED COL 1700610 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTDA 2,5/ 5-5,0 3RZ MIXED COL



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTDA 2,5/ 5-5,0 3RZ MIXED COL
Catalog number	1700610
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-D185B35C43
Generated	2026-08-05

Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 24 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm², number of rows: 1, number of poles per row: 5, article family: PTDA 2.5/, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, 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 1700610

Packing unit 1

GTIN 4046356495356

Custom tariff number 85369010

Dimensions

Length [l] 16 mm

Pitch 5 mm

Dimension a 20 mm

Width [w] 41.4 mm

Height 16 mm

Height [h] 19.5 mm

Solder pin [P] 3.5 mm

Pin spacing 5 mm

Hole diameter 1.3 mm

General

Range of articles PTDA 2,5/

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) 320 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 24 A

Nominal cross section 2.5 mm²

Solder pin surface

Stripping length 10 mm

Number of positions 5

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.2 mm²

2 conductors with same cross section, solid max. 2.5 mm²

2 conductors with same cross section, stranded min. 0.2 mm²

2 conductors with same cross section, stranded max. 2.5 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. 2.5 mm²

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

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Environmental Product Compliance

China RoHS Environmentally friendly use period:...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTDA 2,5/ 5-5,0 3RZ MIXED COL 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.