

INDUSTRIAL COMPONENT DATA

PTDA 2,5/ 6-5,0 1725354 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTDA 2,5/ 6-5,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTDA 2,5/ 6-5,0
Catalog number	1725354
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-BC283DA246
Generated	2026-07-31

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 6, number of rows: 1, number of poles per row: 6, 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: green, 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 1725354

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 409 (C-1-2013)

GTIN 4046356129299

Weight per Piece (excluding packing) 9.080 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 16 mm

Pitch 5 mm

Dimension a 25 mm

Width [w] 30 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/

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) 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

Maximum load current 24 A

Insulating material PA

Contact material Sn

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 10 mm

Number of positions 6

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 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 cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 1 mm²

Conductor cross section AWG min. 24

Conductor cross s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTDA 2,5/ 6-5,0 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.