

INDUSTRIAL COMPONENT DATA

TDPT 4/ 4-SP-6,35-ZB 1017523 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: TDPT 4/ 4-SP-6,35-ZB



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 4/ 4-SP-6,35-ZB
Catalog number	1017523
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-B87CED52B3
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 1000 V, nominal section: 4 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, family of articles: TDPT 4/.. -SP, pitch: 6.35 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: Zigzag pins W, Pin length [P]: 3.5 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 1017523

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4055626501550

Weight per Piece (excluding packing) 13.910 g

Custom tariff number 85369010

Country of origin CN (China)

Item properties

Brief article description PCB terminal block

Range of articles TDPT 4/...-SP

Pitch 6.35 mm

Number of positions 4

Connection method Push-in spring connection

Mounting type Wave soldering

Pin layout Zigzag pinning W

Number of levels 1

Electrical parameters

Rated current 41 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacity

Conductor cross section solid 0.2 mm² ... 6 mm² (Conductor connection with open terminal point)

1 mm² ... 6 mm² (Push-in connection)

Conductor cross section flexible 0.2 mm² ... 6 mm²

Conductor cross section AWG / kcmil 24 ... 10

Conductor cross section flexible, with ferrule without plastic sleeve 0.2 mm² ... 4 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.2 mm² ... 4 mm²

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 1.5 mm²

Stripping length 10 mm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics hot-dip tin-plated

Metal surface terminal point (top layer) Tin (10 - 16 µm Sn)

Metal surface soldering area (top layer) Tin (10 - 16 µm Sn)

Material data - housing

Insulating material PA

Insulating material group...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 4/ 4-SP-6,35-ZB 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.