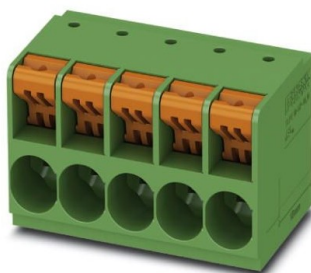


INDUSTRIAL COMPONENT DATA

TDPT 16/ 2-SP-10,16-ZB 1017531 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: TDPT 16/ 2-SP-10,16-ZB



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 16/ 2-SP-10,16-ZB
Catalog number	1017531
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-1344843EEC
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, family of articles: TDPT 16/.. -SP, pitch: 10.16 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: W zigzag pins, 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 1017531

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4055626501635

Weight per Piece (excluding packing) 23.460 g

Custom tariff number 85369010

Country of origin CN (China)

Item properties

Brief article description PCB terminal block

Range of articles TDPT 16/...-SP

Pitch 10.16 mm

Number of positions 2

Connection method Push-in spring connection

Mounting type Wave soldering

Pin layout Zigzag pinning W

Number of levels 1

Electrical parameters

Rated current 76 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacity

Conductor cross section solid 0.75 mm² ... 16 mm² (Conductor connection with open terminal point)

1.5 mm² ... 16 mm² (Push-in connection)

Single-wire/terminal point, stranded GRP 0.75 mm² ... 16 mm²

Conductor cross section flexible 0.75 mm² ... 16 mm²

Conductor cross section AWG / kcmil 20 ... 6

Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm² ... 16 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm² ... 16 mm²

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.75 mm² ... 6 mm²

Stripping length 18 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 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 16/ 2-SP-10,16-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.