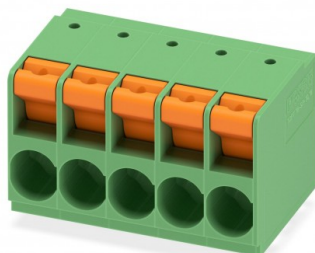


**INDUSTRIAL COMPONENT DATA**

# TDPT 16/ 5-SP-10,16-ZB 1017534 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: TDPT 16/ 5-SP-10,16-ZB



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | TDPT 16/ 5-SP-10,16-ZB         |
| Catalog number  | 1017534                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-650540F32C                  |
| Generated       | 2026-08-01                     |

## Product Overview

### PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of poles per row: 5, 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

PCB terminal, current rating: 76 A, reference voltage (III/2): 1000 V, nominal cross-section: 16 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of poles per row: 5, item range: TDPT 16/.. -SP, pitch: 10.16 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB plugging direction: 0°, color: green, Pin layout: W-shaped pinout, Spindle length [P]: 3.5 mm, number of pins per potential: 2, packaging type: packed in a carton

**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 1017534

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4055626501666

Weight per Piece (excluding packing) 37.880 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 5

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 mm<sup>2</sup> ... 16 mm<sup>2</sup> (Conductor connection with open terminal point)

1.5 mm<sup>2</sup> ... 16 mm<sup>2</sup> (Push-in connection)

Single-wire/terminal point, stranded GRP 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>

Conductor cross section flexible 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>

Conductor cross section AWG / kcmil 20 ... 6

Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.75 mm<sup>2</sup> ... 6 mm<sup>2</sup>

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/ 5-SP-10,16-ZB with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

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