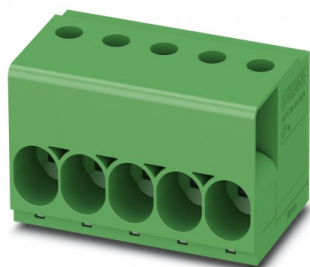


INDUSTRIAL COMPONENT DATA

TDPT 16/ 2-SC-10,16-ZB GY 1056749 PHOENIX CONTACT PCB terminal block TDPT 16/ 2-SC-10,16-ZB GY 1056749

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 16/ 2-SC-10,16-ZB GY
Catalog number	1056749
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-3511A675FF
Generated	2026-08-06

Product Overview

PCB terminal block - TDPT 16/ 2-SC-10,16-ZB GY - 1056749

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/..-SC, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: gray, Pin arrangement: Zigzag pins W, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, Packing Type: Boxed Packed

Printed circuit board terminal, nominal current: 76 A, rated voltage (III/2): 1000 V, nominal cross section: 16 mm², number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: TDPT 16/..-SC, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray, Pin layout: Zigzag pinning W, Solder pin [P]: 3.5 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family TDPT 16/..-SC

Product line COMBICON Terminals XL

Number of positions 2

Pitch 10.16 mm

Number of connections 2
Number of rows 1
Number of potentials 2
Pin layout Zigzag pinning W
Solder pins per potential 2
Data management status
Article revision 00
Electrical propertiesNominal current IN 76 A
Nominal voltage UN 1000 V
Rated voltage (III/3) 800 V
Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
Connection dataConnection technology
Nominal cross section 16 mm²
Conductor connection
Connection method Screw connection with tension sleeve
Conductor cross section rigid 0.75 mm² ... 16 mm²
Conductor cross section flexible 0.75 mm² ... 16 mm²
Conductor cross section AWG 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, solid 0.5 mm² ... 6 mm²
2 conductors with same cross section, flexible 0.5 mm² ... 6 mm²
Stripping length 18 mm
Drive form screw head Slotted (L)
Tightening torque 1.4 Nm ... 1.7 Nm
MountingMounting type Wave soldering
Pin layout Zigzag pinning W
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 16/ 2-SC-10,16-ZB GY 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.