

INDUSTRIAL COMPONENT DATA

TDPT 16/ 3-SC-10,16-ZB 1017527 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: TDPT 16/ 3-SC-10,16-ZB



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 16/ 3-SC-10,16-ZB
Catalog number	1017527
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-91C74905D4
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 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, 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: green, Pin arrangement: Zigzag pins W, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, Packing Type: Boxed Packed

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 1017527

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4055626501598

Weight per Piece (excluding packing) 29.520 g

Custom tariff number 85369010

Country of origin CN (China)

Item properties

Brief article description PCB terminal block

Range of articles TDPT 16/...-SC
Pitch 10.16 mm
Number of positions 3
Connection method Screw connection with tension sleeve
Drive form screw head Slotted (L)
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 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, solid 0.5 mm² ... 6 mm²
2 conductors with same cross section, flexible 0.5 mm² ... 6 mm²
Stripping length 18 mm
Torque 1.4 Nm ... 1.7 Nm
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 (4 - 8 µm Sn)
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)
Material data - housing
Insulating material PA
Insulating mate...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 16/ 3-SC-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.