

INDUSTRIAL COMPONENT DATA

TDPT 4/ 2-SC-6,35-ZB 1017514 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: TDPT 4/ 2-SC-6,35-ZB



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 4/ 2-SC-6,35-ZB
Catalog number	1017514
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-26C20B4356
Generated	2026-08-01

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: 2, number of rows: 1, number of poles per row: 2, family of articles: TDPT 4/.. -SC, pitch: 6.35 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: 1, 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 1017514

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4055626501482

Weight per Piece (excluding packing) 8.570 g

Custom tariff number 85369010

Country of origin CN (China)

Item properties

Brief article description PCB terminal block

Range of articles TDPT 4/...-SC
Pitch 6.35 mm
Number of positions 2
Connection method Screw connection with tension sleeve
Drive form screw head Slotted (L)
Screw thread M3
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 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, solid 0.2 mm² ... 1.5 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 1.5 mm²
Stripping length 10 mm
Torque 0.5 Nm ... 0.6 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
Insul...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 4/ 2-SC-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.