

INDUSTRIAL COMPONENT DATA

TDPT 4/ 4-SC-6,35-ZB 1017516 PHOENIX CONTACT PCB terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 4/ 4-SC-6,35-ZB
Catalog number	1017516
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-E55DFE410E
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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: 4, number of rows: 1, number of poles per row: 4, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1017516

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4055626501505

Weight per Piece (excluding packing) 15.280 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 4

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

Insu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 4/ 4-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

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