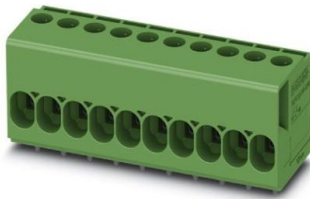


INDUSTRIAL COMPONENT DATA

TDPT 2,5/ 12-SC-5,08 1017502 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: TDPT 2,5/ 12-SC-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 2,5/ 12-SC-5,08
Catalog number	1017502
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-24AF9CE876
Generated	2026-08-01

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of potentials: 12, number of rows: 1, number of poles per row: 12, article family: TDPT 2.5/.. -SC, pitch: 5.08 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: Linear pin arrangement, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1017502

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4055626501369

Weight per Piece (excluding packing) 27.150 g

Custom tariff number 85369010

Country of origin CN (China)

Item properties

Brief article description PCB terminal block

Range of articles TDPT 2,5/-SC

Pitch 5.08 mm

Number of positions 12

Connection method Screw connection with tension sleeve

Drive form screw head Slotted (L)

Mounting type Wave soldering

Pin layout Linear double pinning

Number of levels 1

Electrical parameters

Rated current 24 A

Rated insulation voltage (III/2) 400 V

Rated surge voltage (III/2) 4 kV

Connection capacity

Conductor cross section solid 0.2 mm² ... 4 mm²

Conductor cross section flexible 0.2 mm² ... 2.5 mm²

Conductor cross section AWG / kcmil 24 ... 12

Conductor cross section flexible, with ferrule without plastic sleeve 0.2 mm² ... 2.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.2 mm² ... 2.5 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

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 0.75 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 2,5/ 12-SC-5,08 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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