

INDUSTRIAL COMPONENT DATA

TDPT 4/ 2-SC-6,35-ZB GY 1056751 PHOENIX CONTACT PCB terminal block TDPT 4/ 2-SC-6,35-ZB GY 1056751

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 4/ 2-SC-6,35-ZB GY
Catalog number	1056751
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-FABF2AD3D8
Generated	2026-08-05

Product Overview

PCB terminal block - TDPT 4/ 2-SC-6,35-ZB GY - 1056751

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: gray, 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

PCB terminal block, nominal current: 41 A, nom. voltage: 1000 V, pitch: 6.35 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray

Key Commercial Data

Orderkey 1056751

Packing unit 1

GTIN 4055626697918

Custom tariff number 85369010

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

Number of connections 2

Number of potentials 2

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 0.6 Nm ... 0.8 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 4/ 2-SC-6,35-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.