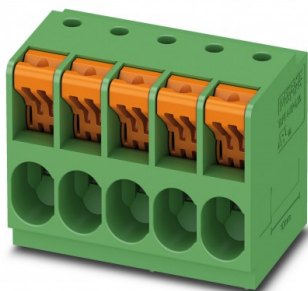


INDUSTRIAL COMPONENT DATA

TDPT 4/ 2-SP-6,35-ZB GY 1056752 PHOENIX CONTACT PCB terminal block TDPT 4/ 2-SP-6,35-ZB GY 1056752

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 4/ 2-SP-6,35-ZB GY
Catalog number	1056752
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-0EA17E2D03
Generated	2026-08-06

Product Overview

PCB terminal block - TDPT 4/ 2-SP-6,35-ZB GY - 1056752

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/..-SP, pitch: 6.35 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: gray, Pin arrangement: Zigzag Pins W, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, Packaging type: Boxed

Printed circuit board terminal, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 4 mm², number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: TDPT 4/..-SP, pitch: 6.35 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray, Pin layout: Zigzag pinning W, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family TDPT 4/..-SP

Product line COMBICON Terminals L

Number of positions 2

Pitch 6.35 mm

Number of connections 2
Number of rows 1
Number of potentials 2
Pin layout Zigzag pinning W
Solder pins per potential 1
Data management status
Article revision 00
Electrical propertiesNominal current IN 41 A
Nominal voltage UN 1000 V
Rated voltage (III/3) 800 V
Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
Connection dataConnection technology
Nominal cross section 4 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.2 mm² ... 6 mm² (Conductor connection with open terminal point)
1 mm² ... 6 mm² (Push-in connection)
Conductor cross section flexible 0.2 mm² ... 6 mm²
Conductor cross section AWG 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 the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 1.5 mm²
Stripping length 10 mm
Tightening torque 0.6 Nm ... 0.8 Nm
MountingMounting type Wave soldering
Pin layout Zigzag pinning W
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of wh...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 4/ 2-SP-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

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