INDUSTRIAL COMPONENT DATA

SPT 5/ 2-V-7,5-ZB MIX BK/RD 1707604 PHOENIX CONTACT Terminal block for printed circuit board, rated current:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 2-V-7,5-ZB MIX BK/RD

Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 5/ 2-V-7,5-ZB MIX BK/RD
Catalog number	1707604
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-9497ACBEC9
Generated	2026-08-04

Product Overview

Terminal block for printed circuit board, rated current: 41 A, rated voltage: 1000 V, pitch: 7.5 mm, number of poles: 2, connection type: Push-in spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 90 °, color: multicolor
Terminal block for printed circuit board, Number of poles per row: 2, family of articles: SPT 5/.. -V, pitch: 7.5 mm, color: multicolor, Pin arrangement: Zigzag pins W, Pin length [P]: 4.6 mm, packaging type: boxed

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: 7.5 mm, number of positions: 2, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: multi-color
Your advantages
Time saving push-in connection, tools not requiredDefined contact force ensures that contact remains stable over the long termClamping space opened by means of fixed screwdriver enables convenient conductor connectionUnrestricted 600-V-UL approval thanks to compact zig-zag pinningVertical connection enables multi-row arrangement on the PCBKey Commercial Data
Orderkey 1707604
Packing unit 1
GTIN 4046356935319
Custom tariff number 85369010

General
Range of articles SPT 5/..-V
Rated surge voltage (III/3) 8 kV
Rated surge voltage (III/2) 8 kV
Rated surge voltage (II/2) 6 kV
Rated voltage (III/3) 800 V
Rated voltage (III/2) 1000 V
Rated voltage (II/2) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 41 A
Nominal cross section 6 mm²
Solder pin surface Sn
Stripping length 15 mm
Number of positions 2
Connection data
Conductor cross section AWG min. 24
Conductor cross section AWG max. 8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm²
Standards and Regulations
Connection in acc. with standard EN-VDE
Environmental Product Compliance
China RoHS Environmentally friendly use period...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 5/ 2-V-7,5-ZB MIX BK/RD 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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