

**INDUSTRIAL COMPONENT DATA**

# SPT 5/ 2-V-7,5-ZB MIX RD/BK 1707605 PHOENIX CONTACT

## Terminal block for printed circuit board, rated current:..

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 5/ 2-V-7,5-ZB MIX RD/BK    |
| Catalog number  | 1707605                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-864852A4C8                  |
| Generated       | 2026-08-05                     |

### 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 &gt; 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 1707605

Packing unit 1

GTIN 4046356935326

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 mm<sup>2</sup>

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 mm<sup>2</sup>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm<sup>2</sup>

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 RD/BK with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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