

**INDUSTRIAL COMPONENT DATA**

# SPT 5/ 4-V-7,5-ZB MC YE/BK 1709276 PHOENIX CONTACT

## PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 4-V-7,5-ZB MC YE/BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 5/ 4-V-7,5-ZB MC YE/BK     |
| Catalog number  | 1709276                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-682B4EA016                  |
| Generated       | 2026-08-05                     |

### Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 630 V, nominal section: 6 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of poles per row: 4, family of articles: SPT 5/.. -V, pitch: 7.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: multicolor, Pin arrangement: Zigzag pins W, Pin length [P]: 4.6 mm, number of solder pins per potential: 2, 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

Key Commercial Data

Orderkey 1709276

Packing unit 1

GTIN 4055626056685

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles SPT 5/..-V

Pitch 7.5 mm

Number of positions 4

Connection method Push-in spring connection

Mounting type Wave soldering

Pin layout Zigzag pinning W

Number of levels 1

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 mm<sup>2</sup> ... 10 mm<sup>2</sup>

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Conductor cross section AWG / kcmil 24 ... 8

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 4 mm<sup>2</sup>

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Stripping length 15 mm

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 Tin-plated

Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)

Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)

Material data - housing

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire ignition temperature GWIT according to EN 60695-2-13 7...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 5/ 4-V-7,5-ZB MC YE/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

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.