

## INDUSTRIAL COMPONENT DATA

# SPT 5/ 4-V-7,5-ZF MCGN-RD 1560430 PHOENIX CONTACT PCB terminal, rated current: 41 A, rated voltage (III/2): ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 4-V-7,5-ZF MCGN-RD



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 5/ 4-V-7,5-ZF MCGN-RD      |
| Catalog number  | 1560430                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-C6DFDDC686                  |
| Generated       | 2026-09-29                     |

## Product Overview

PCB terminal, rated current: 41 A, rated voltage (III/2): 1000 V, rated cross-section: 6 mm<sup>2</sup>, number of rows: 1, number of poles per row: 4, item family: SPT 5/..-V, pitch: 7.5mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90°, color: multicolor, Pin arrangement: Zigzag pins M, Pin length [P]: 4.6mm, number of solder pins per potential: 1, Packing Type: Boxed Packaging

PCB terminal block, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm<sup>2</sup>, number of rows: 1, number of positions per row: 4, product range: SPT 5/..-V, pitch: 7.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: multicolored, Pin layout: Zigzag pinning M, Solder pin [P]: 4.6 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Terminals L

Product type Printed circuit board terminal

Product family SPT 5/..-V

Number of positions 4

Pitch 7.5 mm

Number of rows 1

Pin layout Zigzag pinning M

Solder pins per potential 1

Electrical propertiesNominal current  $I_N$  41 A

Nominal voltage  $U_N$  1000 V

Degree of pollution 3

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 6 mm<sup>2</sup>

Conductor connection

Connection method Push-in spring connection

Conductor cross section rigid 0.2 mm<sup>2</sup> ... 10 mm<sup>2</sup> (Conductor connection with open terminal point)

0.75 mm<sup>2</sup> ... 10 mm<sup>2</sup> (Push-in connection)

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

Conductor cross section AWG 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> ... 6 mm<sup>2</sup>

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Stripping length 15 mm

MountingMounting type Wave soldering

Pin layout Zigzag pinning M

Material specificationsMaterial 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)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 5/ 4-V-7,5-ZF MCGN-RD 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

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