

## INDUSTRIAL COMPONENT DATA

# SPT 16/ 4-V-10,0-ZB 1735891 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 16/ 4-V-10,0-ZB



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 16/ 4-V-10,0-ZB            |
| Catalog number  | 1735891                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-0F822174E8                  |
| Generated       | 2026-08-01                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of poles per row: 4, family of articles: SPT 16/.. -V, pitch: 10 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Zigzag pins W, Pin length [P]: 4.1 mm, number of solder pins per potential: 3, 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 1735891

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4046356179539

Weight per Piece (excluding packing) 31.300 g

Custom tariff number 85369010

Country of origin BG (Bulgaria)

Dimensions

Length [ l ] 24.7 mm

Pitch 10 mm

Dimension a 30 mm

Width [ w ] 41.8 mm

Height 31.3 mm

Height [ h ] 35.4 mm

Solder pin [P] 4.1 mm

Pin spacing 15 mm

Hole diameter 1.7 mm

#### General

Range of articles SPT 16/..-V

Insulating material group I

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) 1000 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 76 A

Nominal cross section 16 mm<sup>2</sup>

Maximum load current 76 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 18 mm

Number of positions 4

#### Connection data

Conductor cross section solid min. 0.75 mm<sup>2</sup>

Conductor cross section solid max. 16 mm<sup>2</sup>

Conductor cross section flexible min. 0.75 mm<sup>2</sup>

Conductor cross section flexible max. 16 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.75 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.75 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 10 mm<sup>2</sup>

Conductor cross section AWG min. 20

Conductor cross secti...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 4-V-10,0-ZB 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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