

## INDUSTRIAL COMPONENT DATA

# SPT 16/ 2-V-10,0-ZB MIX OG/GY 1708638 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 16/ 2-V-10,0-ZB MIX OG/GY



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 16/ 2-V-10,0-ZB MIX OG/GY  |
| Catalog number  | 1708638                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-4FEB9EE5E4                  |
| Generated       | 2026-08-06                     |

## 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: 2, number of rows: 1, number of poles per row: 2, 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: multicolor, 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 > PCB Connectors (PCC) |
|--------------|----------------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 1708638

Packing unit 1

GTIN 4055626011967

Custom tariff number 85366990

Item properties

Brief article description PCB terminal block

Range of articles SPT 16/..-V

Pitch 10 mm

Number of positions 2

Connection method Push-in spring connection

Mounting type Wave soldering

Pin layout Zigzag pinning W

Number of levels 1

Number of connections 2

Number of potentials 2

Electrical parameters

Rated current 76 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacity

Conductor cross section solid 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>

Conductor cross section flexible 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>

Conductor cross section AWG / kcmil 20 ... 4

Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm<sup>2</sup> ... 16 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm<sup>2</sup> ... 10 mm<sup>2</sup>

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.75 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Stripping length 18 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 hot-dip tin-plated

Metal surface terminal point (top layer) Tin (10 - 16 µm Sn)

Metal surface soldering area (top layer) Tin (10 - 16 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

Gl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 2-V-10,0-ZB MIX OG/GY 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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