

**INDUSTRIAL COMPONENT DATA**

# SPT 16/ 7-V-10,0-ZB GYBN 1486670 PHOENIX CONTACT

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

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 16/ 7-V-10,0-ZB GYBN



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 16/ 7-V-10,0-ZB GYBN       |
| Catalog number  | 1486670                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-A8AD9AE346                  |
| Generated       | 2026-08-05                     |

### Product Overview

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 rows: 1, number of poles per row: 7, family of articles: SPT 16/.. -V, pitch: 10 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 90 °, color: grayish brown, Pin arrangement: Zigzag pins W, Pin length [P]: 4.1 mm, number of solder pins per potential: 3, packaging type: boxed

Printed circuit board connector

**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

ETIM for 1486670 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

35.4 mm

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

10 mm

Rated current In (EF008250)

76 A  
Rated voltage (EF000228)  
1000 V  
Rated surge voltage (EF002993)  
8 kV  
Over voltage category (EF006785)  
III  
Pollution degree (EF006786)  
2  
Connection type conductor (EF006821)  
Spring clamp connection  
Connectable conductor cross section solid-core (EF007337)  
0.75 mm<sup>2</sup>  
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)  
0.75 mm<sup>2</sup>  
Connectable conductor cross section fine-strand without cable end sleeve (EF007341)  
0.75 mm<sup>2</sup>  
Connectable conductor cross section multi-wired (EF007343)  
16 mm<sup>2</sup>  
Connection type PCB (EF006822)  
Soldering connection  
Material connection surface (EF006826)  
Tin  
Diameter connection pin (EF006823)  
1.7 mm  
Length pin (EF006825)  
4.1 mm  
Material insulation body (EF007543)  
Other  
Housing colour (EF000136)  
Other  
Inflammability class of insulation material according to UL94 (EF002521)  
V0  
Operating temperature (EF002393)  
-40 °C  
Type of PCB fastening (EF008226)  
Connecting contact  
Type of fastening (EF002442)  
Solder  
Type of banding (EF007011)  
Carton (for SMD)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 7-V-10,0-ZB GYBN 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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