

**INDUSTRIAL COMPONENT DATA**

# SPT 5/ 5-V-7,5-ZB MC:GY35-YE 1678175 PHOENIX CONTACT

## Printed circuit board terminal, nominal current: 41 A, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 5-V-7,5-ZB MC:GY35-YE



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 5/ 5-V-7,5-ZB MC:GY35-YE   |
| Catalog number  | 1678175                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 1000 Pcs                       |
| Document ID     | EO-F264BF323B                  |
| Generated       | 2026-08-04                     |

### Product Overview

Printed circuit board terminal, nominal current: 41 A, nominal voltage (III/2): 1000 V, nominal section: 6 mm<sup>2</sup>, number of rows: 1, number of poles per row: 5, article family: 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: 1, 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

ETIM for 1678175 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

28.75 mm

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

7.5 mm

Rated current I<sub>n</sub> (EF008250)

41 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)  
0.2 mm<sup>2</sup>  
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)  
0.25 mm<sup>2</sup>  
Connectable conductor cross section fine-strand without cable end sleeve (EF007341)  
0.2 mm<sup>2</sup>  
Connectable conductor cross section multi-wired (EF007343)  
10 mm<sup>2</sup>  
Connection type PCB (EF006822)  
Soldering connection  
Material connection surface (EF006826)  
Tin  
Diameter connection pin (EF006823)  
2.1 mm  
Length pin (EF006825)  
4.6 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 5/ 5-V-7,5-ZB MC:GY35-YE 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.