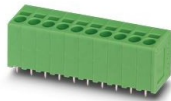


## INDUSTRIAL COMPONENT DATA

# SPT 2,5/ 7-V-5,0-EX GN/BU/BN 1297450 PHOENIX CONTACT

## Printed circuit board terminal, nominal current: 22 A, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 2,5/ 7-V-5,0-EX GN/BU/BN



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 2,5/ 7-V-5,0-EX GN/BU/BN   |
| Catalog number  | 1297450                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 1020 Pcs                       |
| Document ID     | EO-D2505DD6CE                  |
| Generated       | 2026-08-05                     |

### Product Overview

Printed circuit board terminal, nominal current: 22 A, nominal section: 2.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 7, article family: SPT 2.5/.. -V-EX, pitch: 5mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 90°, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.5mm, number of solder pins per potential: 2, packaging type: boxed

PCB terminal, rated current: 23 A, rated cross-section: 2.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 7, item family: SPT 2.5/.. -V-EX, pitch: 5mm, connection type: Push-in spring connection, assembly: Wave soldering, conductor/PCB connection direction: 90°, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.5mm, number of solder pins per potential: 2, Packing Type: Boxed Packaging

PCB terminal block, nominal current: 23 A, nominal cross section: 2.5 mm<sup>2</sup>, number of rows: 1, number of positions per row: 7, product range: SPT 2,5/..-V-EX, pitch: 5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: multicolored, Pin layout: Linear pinning, Solder pin [P]: 2.5 mm, number of solder pins per potential: 2, 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 > PCB Connectors (PCC) |
|--------------|----------------------------------------|

### Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Terminals M

Product type Printed circuit board terminal

Product family SPT 2,5/..-V-EX

Number of positions 7

Pitch 5 mm  
Number of rows 1  
Pin layout Linear pinning  
Solder pins per potential 2  
Electrical propertiesNominal current IN 23 A  
Nominal voltage UN 176 V  
Rated current / conductor cross section 23 A/2.5 mm<sup>2</sup>  
Degree of pollution 3  
Rated voltage (III/3) 176 V  
Ex dataEx approval  
Identification 0344? II 2GD / Ex eb IIC Gb  
EU-type examination certificate KEMA 07ATEX0193 U  
IECEEx certificate IECEEx KEM 07.0057 U  
Connection dataConnection technology  
Nominal cross section 2.5 mm<sup>2</sup>  
Conductor connection  
Connection method Push-in spring connection  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 14  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup> (Stripping length 8 mm)  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (Stripping length 8 mm)  
Stripping length 10 mm  
MountingMounting type Wave soldering  
Pin layout Linear pinning  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)  
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)  
Material data - housing  
Color (Housing) multicolored ()  
Insulating m...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 2,5/ 7-V-5,0-EX GN/BU/BN 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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