

## INDUSTRIAL COMPONENT DATA

# SPTAF 1/ 2-5,0-IL SPE 1548365 PHOENIX CONTACT Printed circuit board terminal, rated current: 16 A, rated vol..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/ 2-5,0-IL SPE



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPTAF 1/ 2-5,0-IL SPE          |
| Catalog number  | 1548365                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 180 Pcs                        |
| Document ID     | EO-EC0A254A5A                  |
| Generated       | 2026-08-02                     |

## Product Overview

Printed circuit board terminal, rated current: 16 A, rated voltage (III/2): 320 V, rated cross-section: 1.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of poles per row: 2, item family: SPTAF 1/.. -IL, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 45 °, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.6 mm, number of solder pins per potential: 2, packaging type: Tray

PCB terminal, nominal current: 16 A, nominal voltage (III/2): 320 V, nominal cross-section: 1.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: SPTAF 1/.. -IL, pitch: 5mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45°, color: multicolor, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 2.6mm, Number of Solder Pins by Potential: 2, Packing Type: Tray

PCB terminal block, nominal current: 16 A, rated voltage (III/2): 320 V, nominal cross section: 1.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: SPTAF 1/..-IL, pitch: 5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: multicolored, Pin layout: Linear pinning, Solder pin [P]: 2.6 mm, number of solder....

## 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 propertiesType PC termination block

Product line COMBICON Terminals S

Product type Printed circuit board terminal

Product family SPTAF 1/..-IL

Number of positions 2

Pitch 5 mm

Number of connections 2

Number of rows 1

Number of potentials 2

Pin layout Linear pinning

Solder pins per potential 2

Electrical propertiesNominal current IN 16 A

Nominal voltage UN 320 V

Degree of pollution 3

Rated voltage (III/3) 250 V

Rated surge voltage (III/3) 4 kV

Rated voltage (III/2) 320 V

Rated surge voltage (III/2) 4 kV

Rated voltage (II/2) 630 V

Rated surge voltage (II/2) 4 kV

Connection dataConnection technology

Nominal cross section 1.5 mm<sup>2</sup>

Conductor connection

Connection method Push-in spring connection

Conductor cross section rigid 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (When connecting and possibly adjusting a solid conductor of 1.5 mm<sup>2</sup>, the mechanical lateral forces, which can affect the terminal block, have to be absorbed by lateral support.)

0.34 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (Push-in connection)

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Conductor cross section AWG 24 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Conductor connection with open terminal point)

0.5 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Push-in connection)

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Conductor connection with open terminal point)

0.5 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Push-in connection)

Stripping length 8 mm

MountingMounting type Wave sold...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/ 2-5,0-IL SPE 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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