

## INDUSTRIAL COMPONENT DATA

# SPTAF 1/12-5,0-EL MC:RD-BN 1525863 PHOENIX CONTACT

## Printed circuit board terminal, nominal current: 16 A, no..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/12-5,0-EL MC:RD-BN



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPTAF 1/12-5,0-EL MC:RD-BN     |
| Catalog number  | 1525863                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-85AC77759F                  |
| Generated       | 2026-08-04                     |

### Product Overview

Printed circuit board terminal, nominal current: 16 A, nominal voltage (III/2): 320 V, nominal section: 1.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 12, article family: SPTAF 1/.. -EL, pitch: 5mm, 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]: 2.6mm, number of solder pins per potential: 2, 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

Technical dataItem PropertiesProduct Line COMBICON Terminals S

Product Type Printed Circuit Board Terminal

Product Family SPTAF 1/.. -THE

Number of poles 12

Step 5 mm

Number of rows 1

Pin Design Linear Pin Arrangement

Number of Solder Pins Per Potential 2

Electrical PropertiesNominal Current IN 16 A

Nominal voltage UN 320 V

Degree of pollution 3

Sizing voltage (III/3) 250 V

Dimensioning transient voltage (III/3) 4 kV

Dimensioning voltage (III/2) 320 V

Dimensioning Transient Voltage (III/2) 4 kV

Nominal voltage (II/2) 630 V

Dimensioning transient voltage (II/2) 4 kV

Connection dataConnection technology

Nominal Section 1.5 mm<sup>2</sup>

Connecting Conductors

Connection type Push-in spring connection

Rigid conductor section 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (In the connection and possible alignment of a rigid 1.5 mm<sup>2</sup> conductor, mechanical transverse forces that may affect the terminal block must be absorbed by means of a lateral stabilizer.)

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

Flexible conductor section 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

AWG Conductor Section 24 ... 16

Flexible conductor section with toe cap, without plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Connection of conductors with open terminal point)

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

Flexible conductor section with toe cap, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup> (Connection of conductors with open terminal point)

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

Peel Length 8 mm

assemblyType of mounting Wave soldering

Pin Design Linear Pin Arrangement

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/12-5,0-EL MC:RD-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

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