

## INDUSTRIAL COMPONENT DATA

# SPTAF 1/ 6-3,5-EL MC:WH-RD 1552240 PHOENIX CONTACT PCB terminal, rated current: 16 A, rated voltage (III/2):..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/ 6-3,5-EL MC:WH-RD



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPTAF 1/ 6-3,5-EL MC:WH-RD     |
| Catalog number  | 1552240                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 1040 Pcs                       |
| Document ID     | EO-FC387C1239                  |
| Generated       | 2026-08-04                     |

## Product Overview

PCB terminal, rated current: 16 A, rated voltage (III/2): 160 V, rated cross-section: 1.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 6, item family: SPTAF 1/..-EL, pitch: 3.5mm, 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: Boxed Packaging

PCB terminal block, nominal current: 16 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm<sup>2</sup>, number of rows: 1, number of positions per row: 6, product range: SPTAF 1/..-EL, pitch: 3.5 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 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Terminals S

Product type Printed circuit board terminal

Product family SPTAF 1/..-EL

Number of positions 6

Pitch 3.5 mm

Number of rows 1

Pin layout Linear pinning

Solder pins per potential 2

Electrical propertiesNominal current IN 16 A

Nominal voltage UN 160 V

Degree of pollution 3

Rated voltage (III/3) 160 V

Rated surge voltage (III/3) 2.5 kV

Rated voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Rated voltage (II/2) 320 V

Rated surge voltage (II/2) 2.5 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 soldering

Pin layout Linear pinning

Material specificationsMaterial d...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/ 6-3,5-EL MC:WH-RD 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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