

**INDUSTRIAL COMPONENT DATA**

# SPT-SMD 1,5/ 3-H-3,81 R24 1824640 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT-SMD 1,5/ 3-H-3,81 R24



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT-SMD 1,5/ 3-H-3,81 R24      |
| Catalog number  | 1824640                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 300 Pcs                        |
| Document ID     | EO-C0E4414AB6                  |
| Generated       | 2026-08-04                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: SPT 1.5/.. -H-SMD, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: SMD soldering, conductor/printed circuit board connection direction: 0°, color: black, Pin arrangement: Linear pin arrangement, number of solder pins per potential: 1, packaging type: 24 mm wide strap

**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

Key Commercial Data

Orderkey 1824640

Packing unit 300 pc

Minimum order quantity 300 pc

Catalog page Page 7 (NTK-2014)

GTIN 4046356816847

Weight per Piece (excluding packing) 2.710 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ l ] 13.6 mm

Pitch 3.81 mm

Dimension a 7.62 mm

Width [ w ] 11.62 mm

Height 7.7 mm

Height [ h ] 7.7 mm

Pin spacing 7 mm

Hole diameter 1.1 mm

General

Range of articles SPT 1,5/..-H-SMD

Insulating material group IIIa

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 13.5 A

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

Insulating material LCP

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 3

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

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

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

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.2 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.2 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

Standards and Regu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT-SMD 1,5/ 3-H-3,81 R24 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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