

INDUSTRIAL COMPONENT DATA

SPT 5/ 1-V-7,5 RD 1765036 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 1-V-7,5 RD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 5/ 1-V-7,5 RD
Catalog number	1765036
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-EFACBA1731
Generated	2026-07-31

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 630 V, nominal section: 6 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: SPT 5/.. -V, pitch: 7.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: red, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.6 mm, number of solder pins per potential: 2, packaging type: boxed

PCB terminal, rated current: 41 A, reference voltage (III/2): 630 V, nominal cross-section: 6 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, item range: SPT 5/.. -V, pitch: 7.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB plugging direction: 90 °, colour: red, Pin layout: Linear pinout, Spindle length [P]: 4.6 mm, number of pins per potential: 2, packaging type: packed in carton

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

Key Commercial Data

Orderkey 1765036

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4046356421652

Weight per Piece (excluding packing) 4.570 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 18.5 mm

Pitch 7.5 mm

Width [w] 9.3 mm

Height 24.15 mm

Height [h] 28.75 mm

Solder pin [P] 4.6 mm

Pin spacing 14 mm

Hole diameter 2.1 mm

General

Range of articles SPT 5/..-V

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 800 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 41 A

Nominal cross section 6 mm²

Solder pin surface

Stripping length 15 mm

Number of positions 1

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 8

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.25 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.027141109eCl@ss 4.127141109eCl@ss 5.027141190eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss

7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 3.0EC001121ETIM 4.0EC002643ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 6.0130211801UNSPSC 7...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 5/ 1-V-7,5 RD with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.