

INDUSTRIAL COMPONENT DATA

SPTAF 1/16-5,0-LL 1864574 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/16-5,0-LL



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTAF 1/16-5,0-LL
Catalog number	1864574
Category	Printed circuit board terminal
Minimum order	20 Pcs
Document ID	EO-CA18467354
Generated	2026-08-04

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 320 V, nominal section: 1 mm², number of potentials: 16, number of rows: 1, number of poles per row: 16, family of articles: SPTAF 1/.. -LL, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.6 mm, 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 > PCB Connectors (PCC)
--------------	--

Additional Product Information

Key Commercial Data

Orderkey 1864574

Packing unit 20 pc

Minimum order quantity 20 pc

Note Made to Order (non-returnable)

GTIN 4055626246253

Weight per Piece (excluding packing) 11.630 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 11 mm

Pitch 5 mm

Dimension a 75 mm

Width [w] 80 mm

Height 10.9 mm

Height [h] 13.5 mm

Solder pin [P] 2.6 mm

Pin spacing 5 mm

Hole diameter 1.1 mm

General

Range of articles SPTAF 1/..-LL

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I_N 13.5 A

Nominal cross section 1 mm²

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 16

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 0.75 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 1 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 18

Standards and Regulations

Connection....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/16-5,0-LL 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.