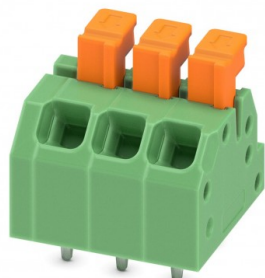


INDUSTRIAL COMPONENT DATA

SPTAF 1/ 3-3,5-LL 1864299 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/ 3-3,5-LL



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTAF 1/ 3-3,5-LL
Catalog number	1864299
Category	Printed circuit board terminal
Minimum order	140 Pcs
Document ID	EO-120A3EFE85
Generated	2026-08-05

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 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, family of articles: SPTAF 1/..-LL, pitch: 3.5 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

Printed circuit board terminal, nominal current: 13.5 A, rated voltage (III/2): 160 V, nominal cross section: 1 mm², number of potentials: 3, number of rows: 1, number of positions per row: 3, product range: SPTAF 1/..-LL, pitch: 3.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green, 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 > PCB Connectors (PCC)

Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family SPTAF 1/..-LL

Product line COMBICON Terminals S

Number of positions 3

Pitch 3.5 mm

Number of connections 3

Number of rows 1

Number of potentials 3

Pin layout Linear pinning

Solder pins per potential 2

Data management status

Article revision 01

Electrical propertiesNominal current IN 13.5 A

Nominal voltage UN 160 V

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 mm²

Conductor connection

Connection method Push-in spring connection

Conductor cross section rigid 0.2 mm² ... 0.75 mm² (When connecting and positioning a rigid 0.75 mm² conductor, the mechanical transverse forces that can act on the terminal block must be absorbed by lateral support.)

0.34 mm² ... 0.75 mm² (Push-in connection)

Conductor cross section flexible 0.2 mm² ... 1 mm²

Conductor cross section AWG 24 ... 18

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm² (Conductor connection with open terminal point)

0.5 mm² ... 0.5 mm² (Push-in connection)

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm² (Conductor connection with open terminal point)

0.5 mm² ... 0.5 mm² (Push-in connection)

Stripping length 8 mm

MountingMounting type Wave soldering

Pin lay...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/ 3-3,5-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

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