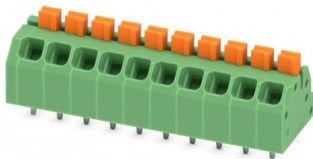


INDUSTRIAL COMPONENT DATA

SPTAF 1/ 2-3,5-EL BK 1084828 PHOENIX CONTACT Terminal for printed circuit board, pitch: 3.5 mm, number of po..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/ 2-3,5-EL BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTAF 1/ 2-3,5-EL BK
Catalog number	1084828
Category	Printed circuit board terminal
Minimum order	195 Pcs
Document ID	EO-00939E742E
Generated	2026-08-06

Product Overview

Terminal for printed circuit board, pitch: 3.5 mm, number of poles: 2, color: black

Terminal block for printed circuit board, nominal current: 16 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm², number of rows: 1, number of poles per row: 2, article family: SPTAF 1/..-EL, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: black, 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: 16 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of rows: 1, number of positions per row: 2, product range: SPTAF 1/..-EL, pitch: 3.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: black, 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family SPTAF 1/..-EL

Product line COMBICON Terminals S

Number of positions 2

Pitch 3.5 mm

Number of rows 1

Pin layout Linear pinning

Solder pins per potential 2

Data management status

Article revision 01

Electrical propertiesNominal current I_N 16 A

Nominal voltage U_N 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 1.5 mm²

Conductor connection

Connection method Push-in spring connection

Conductor cross section rigid 0.2 mm² ... 1.5 mm² (When connecting and possibly adjusting a solid conductor of 1.5 mm², the mechanical lateral forces, which can affect the terminal block, have to be absorbed by lateral support.)

0.34 mm² ... 1.5 mm² (Push-in connection)

Conductor cross section flexible 0.2 mm² ... 1.5 mm²

Conductor cross section AWG 24 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.75 mm² (Conductor connection with open terminal point)

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

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.75 mm² (Conductor connection with open terminal point)

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

Stripping length 8 mm

MountingMounting type Wave soldering

Pin layout Linear pinning

Material spe...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/ 2-3,5-EL BK 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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