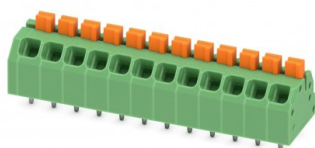


INDUSTRIAL COMPONENT DATA

SPTAF 1/12-3,5-EL 1862149 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/12-3,5-EL



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTAF 1/12-3,5-EL
Catalog number	1862149
Category	Printed circuit board terminal
Minimum order	70 Pcs
Document ID	EO-F65E63DB5F
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 16 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm², number of potentials: 12, number of rows: 1, number of poles per row: 12, family of articles: SPTAF 1/.. -EL, pitch: 3.5mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.6mm, number of solder pins per potential: 2, packaging type: boxed

PCB terminal block, rated current: 16 A, dimensioning voltage (III/2): 160 V, nominal cross-section: 1.5 mm², number of potentials: 12, number of rows: 1, number of poles per row: 12, product series: SPTAF 1/.. -EL, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/board connection direction: 45°, color: green, Pin layout: Linear pinning, Pin length [P]: 2.6 mm, number of soldering pins per potential: 2, Package 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 1862149

Packing unit 70 pc

Minimum order quantity 70 pc

Note Made to Order (non-returnable)

GTIN 4055626135632

Weight per Piece (excluding packing) 5.710 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 11 mm

Pitch 3.5 mm

Dimension a 38.5 mm

Width [w] 43.5 mm

Height 10.2 mm

Height [h] 12.8 mm

Solder pin [P] 2.6 mm

Pin spacing 5 mm

Hole diameter 1.1 mm

General

Range of articles SPTAF 1/..-EL

Insulating material group I

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 IN 16 A

Nominal cross section 1.5 mm²

Maximum load current 16 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 12

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 1.5 mm²

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

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.75 mm²

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

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm²

Conductor cross section AWG min. 24

Conductor c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/12-3,5-EL 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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