

INDUSTRIAL COMPONENT DATA

SPTAF 1/18-3,5-EL 1714385 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/18-3,5-EL



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTAF 1/18-3,5-EL
Catalog number	1714385
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-7F61C47183
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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: 18, number of rows: 1, number of poles per row: 18, 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

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 1714385

Packing unit 1

GTIN 4055626353876

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles SPTAF 1/..-EL

Pitch 3.5 mm

Number of positions 18

Connection method Push-in spring connection
Mounting type Wave soldering
Pin layout Linear double pinning
Number of levels 1
Number of connections 18
Number of potentials 18
Electrical parameters
Rated current 16 A
Rated insulation voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Connection capacity
Conductor cross section solid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1.5 mm²
Conductor cross section AWG / kcmil 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.75 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.75 mm²
Stripping length 8 mm
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics hot-dip tin-plated
Metal surface terminal point (top layer) Tin (2 - 4 µm Sn)
Metal surface soldering area (top layer) Tin (2 - 4 µm Sn)
Material data - housing
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Dimensions for the product
Dimensional drawing
Length [l] 11 mm
Width [w] 8.5 mm
Height [h] 12.8 mm
Pitch 3.5 mm
Height (without solder pin) 10.2 mm
Solder...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/18-3,5-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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