

INDUSTRIAL COMPONENT DATA

SPTAF 1/14-3,5-EL MCRD-BU 1540538 PHOENIX CONTACT

PCB terminal, nominal current: 16 A, nominal voltage (III/..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/14-3,5-EL MCRD-BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTAF 1/14-3,5-EL MCRD-BU
Catalog number	1540538
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-0EA8299DE8
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Product Overview

PCB terminal, nominal current: 16 A, nominal voltage (III/2): 160 V, nominal cross-section: 1.5 mm², number of rows: 1, number of poles per row: 14, article family: SPTAF 1/.. -EL, pitch: 3.5mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45°, color: multicolor, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 2.6mm, Number of Solder Pins by Potential: 2, Packing Type: Boxed Packaging

PCB terminal block, 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: 14, product range: SPTAF 1/..-EL, pitch: 3.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: multicolored, 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 line COMBICON Terminals S

Product type Printed circuit board terminal

Product family SPTAF 1/..-EL

Number of positions 14

Pitch 3.5 mm

Number of rows 1

Pin layout Linear pinning

Solder pins per potential 2

Electrical propertiesNominal current IN 16 A

Nominal voltage UN 160 V

Degree of pollution 3

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 specificationsMaterial....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/14-3,5-EL MCRD-BU 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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