

INDUSTRIAL COMPONENT DATA

SPTAF 1/12-5,0-EL MC:RD-BN 1525863 PHOENIX CONTACT

Printed circuit board terminal, nominal current: 16 A, no..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/12-5,0-EL MC:RD-BN



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTAF 1/12-5,0-EL MC:RD-BN
Catalog number	1525863
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-85AC77759F
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Product Overview

Printed circuit board terminal, nominal current: 16 A, nominal voltage (III/2): 320 V, nominal section: 1.5 mm², number of rows: 1, number of poles per row: 12, article family: SPTAF 1/.. -EL, pitch: 5mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 45°, color: multicolor, 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

Technical dataItem PropertiesProduct Line COMBICON Terminals S

Product Type Printed Circuit Board Terminal

Product Family SPTAF 1/.. -THE

Number of poles 12

Step 5 mm

Number of rows 1

Pin Design Linear Pin Arrangement

Number of Solder Pins Per Potential 2

Electrical PropertiesNominal Current IN 16 A

Nominal voltage UN 320 V

Degree of pollution 3

Sizing voltage (III/3) 250 V

Dimensioning transient voltage (III/3) 4 kV

Dimensioning voltage (III/2) 320 V

Dimensioning Transient Voltage (III/2) 4 kV

Nominal voltage (II/2) 630 V

Dimensioning transient voltage (II/2) 4 kV

Connection dataConnection technology

Nominal Section 1.5 mm²

Connecting Conductors

Connection type Push-in spring connection

Rigid conductor section 0.2 mm² ... 1.5 mm² (In the connection and possible alignment of a rigid 1.5 mm² conductor, mechanical transverse forces that may affect the terminal block must be absorbed by means of a lateral stabilizer.)

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

Flexible conductor section 0.2 mm² ... 1.5 mm²

AWG Conductor Section 24 ... 16

Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 0.75 mm² (Connection of conductors with open terminal point)

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

Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 0.75 mm² (Connection of conductors with open terminal point)

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

Peel Length 8 mm

assemblyType of mounting Wave soldering

Pin Design Linear Pin Arrangement

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/12-5,0-EL MC:RD-BN 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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