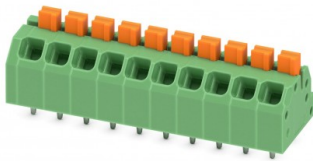


INDUSTRIAL COMPONENT DATA

SPTAF 1/18-3,5-EL MC BU/YE 1076884 PHOENIX CONTACT

Terminal for printed circuit board, pitch: 3.5 mm, number..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTAF 1/18-3,5-EL MC BU/YE
Catalog number	1076884
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-CD0EF36CB2
Generated	2026-08-06

Product Overview

Terminal for printed circuit board, pitch: 3.5 mm, number of poles: 18, type of connection: spring clamp push-in, mounting: Soldering by wave, color: multicolor

Terminal 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: 18, family of articles: SPTAF 1/..-EL, pitch: 3.5mm, 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 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: 18, 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)

Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family SPTAF 1/..-EL

Product line COMBICON Terminals S

Number of positions 18

Pitch 3.5 mm

Number of rows 1

Pin layout Linear pinning
Solder pins per potential 2
Data management status
Article revision 02
Electrical propertiesNominal current IN 16 A
Nominal voltage UN 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 sp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/18-3,5-EL MC BU/YE 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.