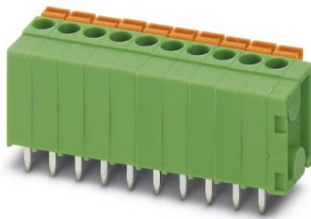


INDUSTRIAL COMPONENT DATA

FFKDSA1/V-3,81- 2 1890471 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FFKDSA1/V-3,81-2



Manufacturer	PHOENIX CONTACT
MPN / Reference	FFKDSA1/V-3,81-2
Catalog number	1890471
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-AD46F7EE69
Generated	2026-08-04

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 12 A, nominal voltage (III/2): 160 V, nominal section: 1 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, family of articles: FFKDS(A) 1.5/.. -V, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 90 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.4 mm, 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 1890471

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918405038

Weight per Piece (excluding packing) 1.810 g

Custom tariff number 85369010

Country of origin GR (Greece)

Dimensions

Length [L] 12.7 mm

Pitch 3.81 mm

Dimension a 3.81 mm

Width [w] 10.12 mm

Height 13.7 mm

Height [h] 17.1 mm

Solder pin [P] 3.4 mm

Hole diameter 1.3 mm

General

Range of articles FFKDS(A) 1,5/..-V

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 I_N 12 A

Nominal cross section 1 mm²

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 10 mm

Number of positions 2

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 1 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1 mm²

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

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.34 mm²

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

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.34 mm²

Conductor cross section AWG min. 26

Conductor cross section AWG max. 18

Standards and Regulations

Connection in acc. with....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FFKDSA1/V-3,81-2 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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