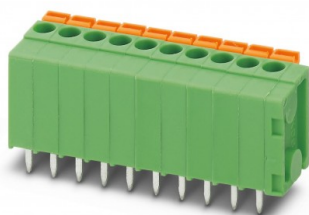


INDUSTRIAL COMPONENT DATA

FFKDSA1/V-3,81-16 1700428 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FFKDSA1/V-3,81-16



Manufacturer	PHOENIX CONTACT
MPN / Reference	FFKDSA1/V-3,81-16
Catalog number	1700428
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-6D9F5970AC
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: 16, number of rows: 1, number of poles per row: 16, 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

PCB terminal, rated current: 12 A, reference voltage (III/2): 160 V, nominal cross-section: 1 mm², number of potentials: 16, number of rows: 1, number of poles per row: 16, item range: FFKDS(A) 1.5/.. -V, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB plugging direction: 90 °, colour: green, Pin layout: Linear pinout, Spindle length [P]: 3.4 mm, number of pins per potential: 2, packaging type: packed in carton

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 1700428

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918985882

Weight per Piece (excluding packing) 12.680 g

Custom tariff number 85369010

Country of origin GR (Greece)

Dimensions

Length [l] 12.7 mm

Pitch 3.81 mm

Dimension a 57.15 mm

Width [w] 63.46 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

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 IN 12 A

Nominal cross section 1 mm²

Solder pin surface

Stripping length 10 mm

Number of positions 16

Connection data

Conductor cross section AWG min. 26

Conductor cross section AWG max. 18

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.027141109eCl@ss 4.127141109eCl@ss 5.027141190eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss
7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 3.0EC001121ETIM 4.0EC002643ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1139121432UNSPSC 12.0139121432UNSPSC
13.239121432

ETIM for 1700428 Connectors (EC002643)

Feature Name

Feature Value

Heig...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FFKDSA1/V-3,81-16 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

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.