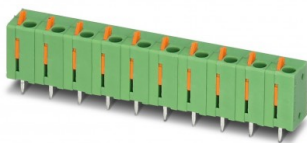


INDUSTRIAL COMPONENT DATA

FFKDSA1/V2-7,62 BK 1800172 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FFKDSA1/V2-7,62 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	FFKDSA1/V2-7,62 BK
Catalog number	1800172
Category	Printed circuit board terminal
Minimum order	250 Pcs
Document ID	EO-C98D2EEBEE
Generated	2026-08-05

Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 17.5 A, rated voltage (III/2): 630 V, rated cross-section: 1.5 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: FFKDS(A)/V2, pitch: 7.62 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 90 °, color: black, 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: 17.5 A, rated voltage (III/2): 630 V, nominal cross-section: 1.5 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: FFKDS(A)/V2, pitch: 7.62 mm, connection type: push-in spring connection, mounting: wave soldering, conductor/board connection direction: 90 °, color: black, pin layout: linear pinning, pin length [P]: 3.4 mm, number of solder 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 1800172

Packing unit 1

GTIN 4055626011929

Custom tariff number 85369010

Dimensions

Length [l] 10 mm

Pitch 7.62 mm

Width [w] 7.62 mm

Height 16 mm

Height [h] 19.4 mm

Solder pin [P] 3.4 mm

Hole diameter 1.3 mm

General

Range of articles FFKDS(A)/V2

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 6 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 500 V

Rated voltage (III/2) 630 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current I_N 17.5 A

Nominal cross section 1.5 mm²

Solder pin surface

Stripping length 10 mm

Number of positions 1

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

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

No hazardous substances above threshold values

Classifications

eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss 7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 13.239121432

ETIM for 1800172 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

19.4 mm

Number of electrical connections (EF008252)

1

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

7.62 mm

Rated current I_n (EF008250)

17.5 A

Rated voltage (EF000228)

630 V

Rated surge voltage (EF002993)

6 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FFKDSA1/V2-7,62 BK 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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