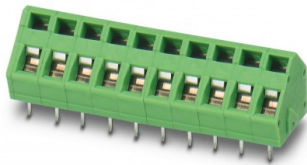


INDUSTRIAL COMPONENT DATA

ZFKDSA 1,5C-5,0-20 BD:61-80 1703839 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 1,5C-5,0-20 BD:61-80



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 1,5C-5,0-20 BD:61-80
Catalog number	1703839
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-FCDBE85E10
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 16 A, nominal voltage (III/2): 400 V, nominal cross-section: 1.5 mm², number of potentials: 20, number of rows: 1, number of poles per row: 20, article family: ZFKDS(A) 1.5C, pitch: 5 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, packaging type: boxed

PCB terminal, nominal current: 16 A, reference voltage (III/2): 400 V, nominal cross-section: 1.5 mm², number of potentials: 20, number of rows: 1, number of poles per row: 20, article range: ZFKDS(A) 1.5C, pitch: 5 mm, connection type: Spring connection, mounting: Wave soldering, conductor/PCB plugging direction: 45°, colour: green, Pin layout: Linear broaching, Spindle length [P]: 3.5 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 1703839

Packing unit 1

GTIN 4046356910309

Custom tariff number 85369010

Dimensions

Length [L] 14.1 mm

Pitch 5 mm

Dimension a 95 mm

Height 13 mm

Solder pin [P] 3.5 mm

Pin spacing 5.08 mm

Hole diameter 1.1 mm

General

Range of articles ZFKDS(A) 1,5C

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 16 A

Nominal cross section 1.5 mm²

Solder pin surface

Internal cylindrical gage A1

Stripping length 7 mm

Number of positions 20

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 14

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 4.0EC002643ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 13.239121432

ETIM for 1703839 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

16.25 mm

Number of electrical connections (EF008252)

20

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5 mm

Rated current In (EF008250)

16 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF00678...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 1,5C-5,0-20 BD:61-80 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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