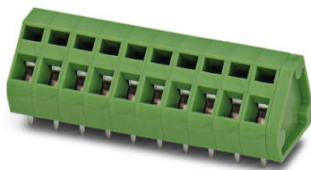


INDUSTRIAL COMPONENT DATA

ZFKDSA 1,5-5,08-16 1870695 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 1,5-5,08-16



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 1,5-5,08-16
Catalog number	1870695
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-B71A1D67EF
Generated	2026-08-03

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: 16, number of rows: 1, number of poles per row: 16, article family: ZFKDS(A) 1.5, pitch: 5.08 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

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 1870695

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

GTIN 4017918138912

Weight per Piece (excluding packing) 20.000 g

Custom tariff number 85369010

Country of origin GR (Greece)

Dimensions

Length [l] 16.9 mm

Pitch 5.08 mm

Dimension a 76.2 mm

Width [w] 83.82 mm

Height 14.2 mm

Height [h] 17.7 mm

Solder pin [P] 3.5 mm

Pin spacing 5.08 mm

Hole diameter 1.3 mm

General

Range of articles ZFKDS(A) 1,5

Insulating material group I

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

Maximum load current 16 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 7.5 mm

Number of positions 16

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 14

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Flammability rating according to UL 94 V0

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 6.0EC00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 1,5-5,08-16 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.