

INDUSTRIAL COMPONENT DATA

ZFKDSA 2,5-6,08 R BU 1816412 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 2,5-6,08 R BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 2,5-6,08 R BU
Catalog number	1816412
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-36421AA0E5
Generated	2026-08-05

Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 24 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: ZFKDS(A) 2.5, pitch: 5.08 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: blue, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1816412

Packing unit 1

GTIN 4046356750738

Custom tariff number 85369010

Dimensions

Length [L] 16.85 mm

Pitch 5.08 mm

Height 15 mm

Solder pin [P] 3.5 mm

Hole diameter 1.3 mm

General

Range of articles ZFKDS(A) 2,5

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 24 A

Nominal cross section 2.5 mm²

Solder pin surface

Internal cylindrical gage A3

Stripping length 7 mm

Number of positions 1

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

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 4.0271411109eCl@ss 4.1271411109eCl@ss 5.0271411190eCl@ss 5.1272611100eCl@ss 6.0272611100eCl@ss

7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 3.0EC001121ETIM 4.0EC002638ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1139121432UNSPSC 12.0139121432UNSPSC

13.239121432

ETIM for 1816412 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

17.7 mm

Number of electrical connections (EF008252)

1

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5.08 mm

Rated current In (EF008250)

24 A

Rated voltage (EF...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 2,5-6,08 R BU 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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