

INDUSTRIAL COMPONENT DATA

ZFKKDSA 2,5-5,08- 8 BD:1-16 1840666 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKKDSA 2,5-5,08-8 BD:1-16



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKKDSA 2,5-5,08-8 BD:1-16
Catalog number	1840666
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-021DACE39A
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 17.5 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 16, number of rows: 2, number of poles per row: 8, article family: ZFKKDS(A) 2.5, 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 welding pins per potential: 1, 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 1840666

Packing unit 1

GTIN 4046356899253

Custom tariff number 85369010

Dimensions

Length [l] 24 mm

Pitch 5.08 mm

Dimension a 35.56 mm

Width [w] 41.64 mm

Height 25.5 mm

Height [h] 29 mm

Solder pin [P] 3.5 mm

Hole diameter 1.3 mm

General

Range of articles ZFKKDS(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 I_N 17.5 A

Nominal cross section 2.5 mm²

Solder pin surface

Internal cylindrical gage A3

Stripping length 7 mm

Number of positions 8

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 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 1840666 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

29 mm

Number of electrical connections (EF008252)

16

Number of levels (EF002659)

2

Modular spacing connections (EF006827)

5.08 mm

Rated current I_n (EF008250)

17.5 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKKDSA 2,5-5,08-8 BD:1-16 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.