

## INDUSTRIAL COMPONENT DATA

# ZFKDSA 4-10- 5 1990368 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 4-10-5



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZFKDSA 4-10-5                  |
| Catalog number  | 1990368                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-0C2B7EB685                  |
| Generated       | 2026-08-02                     |

## Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 32 A, rated voltage (III/2): 630 V, rated cross-section: 4 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: ZFKDS(A) 4, pitch: 10 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]: 4.6 mm, number of welding 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 1990368

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918950071

Weight per Piece (excluding packing) 26.880 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [ l ] 29 mm

Pitch 10 mm

Dimension a 40 mm

Width [ w ] 51.5 mm

Height 23 mm

Height [ h ] 27.6 mm

Solder pin [P] 4.6 mm

Hole diameter 1.8 mm

General

Range of articles ZFKDS(A) 4

Insulating material group I

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) 630 V

Rated voltage (III/2) 630 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 32 A

Nominal cross section 4 mm<sup>2</sup>

Maximum load current 32 A (with 4 mm<sup>2</sup> conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A4

Stripping length 10 mm

Number of positions 5

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 10

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

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 4.0EC00...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 4-10-5 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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