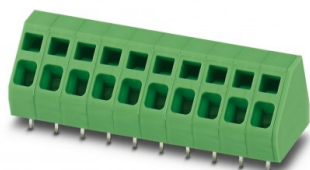


## INDUSTRIAL COMPONENT DATA

# ZFKDSA 2,5-5,08- 4 NZ175N2308 1756728 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 2,5-5,08- 4 NZ175N2308



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZFKDSA 2,5-5,08- 4 NZ175N2308  |
| Catalog number  | 1756728                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-7A342CFDFC                  |
| Generated       | 2026-09-28                     |

## Product Overview

### PCB terminal block

Terminal block for printed circuit board, rated current: 24 A, dimensioning voltage (III/2): 400 V, nominal cross-section: 2.5 mm<sup>2</sup>, Number of potentials: 4, Number of rows: 1, Number of poles per row: 4, article family: ZFKDS(A) 2.5, pitch: 5.08 mm, connection type: Spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 45 °, color: green, Pin arrangement: Double linear pin arrangement, Pin length [P]: 3.5 mm, packaging type: boxed

Printed circuit board terminal, rated current: 24 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: ZFKDS(A) 2.5, pitch: 5.08 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45°, Pin arrangement: Double 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 1756728

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356337823

Weight per Piece (excluding packing) 5.390 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [ L ] 16.85 mm

Pitch 5.08 mm

Dimension a 15.24 mm

Height 15 mm

Solder pin [P] 3.5 mm

Hole diameter 1.3 mm

General

Range of articles ZFKDS(A) 2,5

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 24 A

Nominal cross section 2.5 mm<sup>2</sup>

Maximum load current 24 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 7 mm

Number of positions 4

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

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 4.027141111eCl@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 6.0EC002643

UNSPSC 6.0130211801UNSPSC 7.0901...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 2,5-5,08- 4 NZ175N2308 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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