

**INDUSTRIAL COMPONENT DATA**

# ZFKDSA 2,5-5,08- 9 BK 1436973 PHOENIX CONTACT PCB terminal, rated current: 24 A, rated voltage (III/2): 400 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 2,5-5,08-9 BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZFKDSA 2,5-5,08-9 BK           |
| Catalog number  | 1436973                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-64FEAEAD8F                  |
| Generated       | 2026-08-05                     |

## Product Overview

PCB terminal, rated current: 24 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 9, item family: ZFKDS(A) 2.5, pitch: 5.08 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, packaging type: boxed  
Printed circuit board terminal, number of poles per row: 9, Item family: ZFKDS(A) 2.5, pitch: 5.08 mm, color: black

**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 &gt; PCB Connectors (PCC)

## Additional Product Information

ETIM for 1436973 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

17.7 mm

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5.08 mm

Rated current In (EF008250)

24 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Spring clamp connection

Connectable conductor cross section solid-core (EF007337)

0.2 mm<sup>2</sup>

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm<sup>2</sup>

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm<sup>2</sup>

Connectable conductor cross section multi-wired (EF007343)

4 mm<sup>2</sup>

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.3 mm

Length pin (EF006825)

3.5 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Black

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Connecting contact

Type of fastening (EF002442)

Solder

Type of banding (EF007011)

Carton (for SMD)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 2,5-5,08-9 BK 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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