

## INDUSTRIAL COMPONENT DATA

# ZFKDSA 2,5-5,08-22 GY BD:A1-T3 1251527 PHOENIX

## CONTACT Terminal block for printed circuit board, nominal cur..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 2,5-5,08-22 GY BD:A1-T3



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZFKDSA 2,5-5,08-22 GY BD:A1-T3 |
| Catalog number  | 1251527                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-2C9F72FFD1                  |
| Generated       | 2026-08-05                     |

### Product Overview

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 22, 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: gray, 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, rated current: 24 A, dimensioning voltage (III/2): 400 V, rated section: 2.5 mm<sup>2</sup>, Number of rows: 1, Number of poles per row: 22, item family: ZFKDS(A) 2.5, pitch: 5.08 mm, connection type: Spring connection, mounting: Wave welding, connection direction conductor/printed circuit board: 45°, color: grey, Pin length [P]: 3.5mm, packing 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

ETIM for 1251527 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  $I_n$  (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)

Grey

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 2,5-5,08-22 GY BD:A1-T3 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

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