

## INDUSTRIAL COMPONENT DATA

# ZFKDSA 4-10- 2 MIX BN/RD 1705788 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 4-10- 2 MIX BN/RD



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZFKDSA 4-10- 2 MIX BN/RD       |
| Catalog number  | 1705788                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-1B654D039A                  |
| Generated       | 2026-09-29                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, dimensioning voltage (III/2): 630 V, nominal cross-section: 4 mm<sup>2</sup>, Number of potentials: 2, Number of rows: 1, Number of poles per row: 2, article family: ZFKDS(A) 4, pitch: 10 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45°, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.6 mm, 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 &gt; PCB Connectors (PCC)

## Additional Product Information

PCB terminal block, nominal current: 32 A, nom. voltage: 630 V, pitch: 10 mm, number of positions: 2, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: multi-color

Your advantages

Defined contact force ensures that contact remains stable over the long term  
Clamping space opened by means of fixed screwdriver enables convenient conductor connection  
Separate bridge shaft for easily connecting multiple positions to jumpers  
Quick and convenient testing using integrated test option

Key Commercial Data

Orderkey 1705788

Packing unit 1

GTIN 4046356801942

Custom tariff number 85369010

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 IN 32 A  
Nominal cross section 4 mm<sup>2</sup>  
Insulating material PA  
Solder pin surface Sn  
Flammability rating according to UL 94 V0  
Internal cylindrical gage A4  
Stripping length 10 mm  
Number of positions 2  
Connection data  
Conductor cross section AWG min. 24  
Conductor cross section AWG max. 10  
Standards and Regulations  
Connection in acc. with standard EN-VDE  
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  
eCl@ss  
eCl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 4-10- 2 MIX BN/RD 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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