

## INDUSTRIAL COMPONENT DATA

# ZFKDS 10-10,00 1986628 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDS 10-10,00



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZFKDS 10-10,00                 |
| Catalog number  | 1986628                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-0BC9191564                  |
| Generated       | 2026-09-29                     |

## Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 76 A, rated voltage (III/2): 400 V, nominal cross-section: 10 mm<sup>2</sup>, number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: ZFKDS(A) 10, pitch: 10 mm, connection type: Spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 6.5 mm, number of welding pins per potential: 4, packaging type: boxed. The item can be aligned with different numbers of poles!

## 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 1986628

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 479 (C-1-2013)

GTIN 4017918973087

Weight per Piece (excluding packing) 9.700 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [ l ] 33.4 mm

Pitch 10 mm

Width [ w ] 15 mm

Height 27 mm

Height [ h ] 33.5 mm

Solder pin [P] 6.5 mm

Pin spacing 10 mm

Hole diameter 2.2 mm

General

Range of articles ZFKDS(A) 10

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) 320 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 800 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 76 A

Nominal cross section 10 mm<sup>2</sup>

Maximum load current 76 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 12 mm

Number of positions 1

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 16 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 16 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 10 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 10 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 6

Standards and Re...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDS 10-10,00 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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