

## INDUSTRIAL COMPONENT DATA

# KDS10/ 4+3RZ BS:L1,L2,L3,N 1928055 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: KDS10/ 4+3RZ BS:L1,L2,L3,N



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | KDS10/ 4+3RZ BS:L1,L2,L3,N     |
| Catalog number  | 1928055                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-2D994D6501                  |
| Generated       | 2026-08-02                     |

## Product Overview

### PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 320 V, nominal cross-section: 10 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: KDS10, pitch: 10 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor connection direction/printed circuit board: 0°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.3 mm, number of solder pins per potential: 4, 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 1928055

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918198237

Weight per Piece (excluding packing) 71.940 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ L ] 36.8 mm

Pitch 10 mm

Dimension a 30 mm

Height 29 mm

Solder pin [P] 4.3 mm

Hole diameter 1.4 mm

General

Range of articles KDS10

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) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

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

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

Solder pin surface

Internal cylindrical gage B6

Stripping length 12 mm

Number of positions 4

Screw thread M4

Tightening torque, min 1.2 Nm

Tightening torque max 1.5 Nm

Connection data

Conductor cross section AWG min. 20

Conductor cross section AWG max. 6

2 conductors with same cross section, solid min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, solid max. 4 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 4 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrul...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / KDS10/ 4+3RZ BS:L1,L2,L3,N 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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