

INDUSTRIAL COMPONENT DATA

ZFKDSA 4-10- 4 1743744 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 4-10-4



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 4-10-4
Catalog number	1743744
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-89D5B3203C
Generated	2026-08-04

Product Overview

PCB terminal block

Printed circuit board terminal, rated current: 32 A, sizing voltage (III/2): 630 V, rated section: 4 mm², Number of potentials: 4, Number of rows: 1, Number of poles per row: 4, item family: ZFKDS(A) 4, pitch: 10 mm, connection type: Spring connection, mounting: Wave welding, connection direction conductor/printed circuit board: 45°, color: green, Pin layout: Linear pin arrangement, Pin length [P]: 4.6mm, packaging type: boxed

PCB terminal, rated current: 32 A, rated voltage (III/2): 630 V, rated cross-section: 4 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, item family: ZFKDS(A) 4, pitch: 10 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.6 mm, number of welding pins per potential: 2, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1743744

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356302951

Weight per Piece (excluding packing) 21.500 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 29 mm

Pitch 10 mm

Dimension a 30 mm

Width [w] 41.5 mm

Height 23 mm

Height [h] 27.6 mm

Solder pin [P] 4.6 mm

Hole diameter 1.8 mm

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 mm²

Maximum load current 32 A (with 4 mm² conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A4

Stripping length 10 mm

Number of positions 4

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

Classifications

eCl@ss 4.027141109eCl@ss 4.127141109eCl@ss 5.027141190eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss

7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 3.0EC001121ETIM 4.0EC002643...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 4-10-4 with the required quantity to info@electricaonline.com or use 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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