

INDUSTRIAL COMPONENT DATA

ZFKDSA 10-10,00- 4 RDBDWH4-1SO 1744112 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 10-10,00-4 RDBDWH4-1SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 10-10,00-4 RDBDWH4-1SO
Catalog number	1744112
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-533DFEB9A4
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 400 V, nominal cross-section: 10 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: ZFKDS(A) 10, pitch: 10 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: red, Pin arrangement: Linear pin arrangement, Pin length [P]: 6.5 mm, number of welding 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)
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Additional Product Information

Key Commercial Data

Orderkey 1744112

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356332217

Weight per Piece (excluding packing) 42.220 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [L] 33.4 mm

Pitch 10 mm

Dimension a 30 mm

Height 27 mm

Solder pin [P] 6.5 mm

Pin spacing 15 mm

Hole diameter 2.2 mm

General

Range of articles ZFKDS(A) 10

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_N 76 A

Nominal cross section 10 mm²

Solder pin surface

Stripping length 12 mm

Number of positions 4

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 6

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.027141111eCl@ss 4.127141109eCl@ss 5.027141190eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss
7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 3.0EC001121ETIM 4.0EC002643ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1139121432UNSPSC 12.0139121432UNSPSC
13.239121432

ETIM for 1744112 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

33.5 mm

Number of electrical conne...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 10-10,00-4 RDBDWH4-1SO 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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