

INDUSTRIAL COMPONENT DATA

ZFKDSA 4-7,5- 4 MIXED COL 1701318 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 4-7,5-4 MIXED COL



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 4-7,5-4 MIXED COL
Catalog number	1701318
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-08ACEAC35E
Generated	2026-08-04

Product Overview

PCB terminal block

Printed circuit board terminal block, 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, article family: ZFKDS(A) 4, pitch: 7.5 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, number of solder 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)
--------------	--

Additional Product Information

Key Commercial Data

Orderkey 1701318

Packing unit 1

GTIN 4046356525695

Custom tariff number 85369010

Dimensions

Length [L] 29 mm

Pitch 7.5 mm

Dimension a 22.5 mm

Height 23 mm

Solder pin [P] 4.6 mm

Hole diameter 1.8 mm

General

Range of articles ZFKDS(A) 4

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) 500 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

Solder pin surface

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

Environmental Product Compliance

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

No hazardous substances above threshold values

Classifications

eCl@ss 4.027141111eCl@ss 4.127141111eCl@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 1701318 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

27.6 mm

Number of electrical connections (EF008252)

4

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

7.5 mm

Rated current In (EF008250)

32 A

Rate...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 4-7,5-4 MIXED COL 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.