

INDUSTRIAL COMPONENT DATA

ZFKDSA 1-W-3,81- 9 1747944 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 1-W-3,81-9



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 1-W-3,81-9
Catalog number	1747944
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-D4F03E8373
Generated	2026-08-04

Product Overview

PCB terminal block

Printed circuit board terminal, rated current: 12 A, dimensioning voltage (III/2): 200 V, nominal section: 1 mm², Number of potentials: 9, Number of rows: 1, Number of poles per row: 9, item family: ZFKDS(A) 1-W, pitch: 3.81 mm, connection type: Spring connection, mounting: Wave welding, conductor/printed circuit board connection direction: 45 °, color: green, Pin arrangement: Double linear pin arrangement, Pin length [P]: 3.5 mm, 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 1747944

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356299923

Weight per Piece (excluding packing) 8.800 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [L] 17.5 mm

Pitch 3.81 mm

Dimension a 30.48 mm

Width [w] 37.33 mm

Height 16 mm

Height [h] 19.5 mm

Solder pin [P] 3.5 mm

Hole diameter 1.2 mm

General

Range of articles ZFKDS(A) 1-W

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 200 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 1 mm²

Solder pin surface

Stripping length 7.5 mm

Number of positions 9

Connection data

Conductor cross section AWG min. 26

Conductor cross section AWG max. 16

2 conductors with same cross section, stranded min. 0.14 mm²

2 conductors with same cross section, stranded max. 0.5 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

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 4.0EC002643ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1139121...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 1-W-3,81-9 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.