

INDUSTRIAL COMPONENT DATA

ZFKDS 1-V-3,81 1707344 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDS 1-V-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDS 1-V-3,81
Catalog number	1707344
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-C1C8C11F17
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 12 A, nominal voltage (III/2): 200 V, nominal cross-section: 1 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: ZFKDS(A) 1-V, pitch: 3.81 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of welding pins per potential: 2, packaging type: boxed packaging. Individual disc for the individual composition of different numbers of poles. To complete the block, an additional terminal block is required (see accessories). Block-bound items in different numbers of poles are also available.

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 1707344

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918136840

Weight per Piece (excluding packing) 1.240 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 15.9 mm

Pitch 3.81 mm

Width [w] 3.97 mm

Height 15.25 mm

Height [h] 18.75 mm

Solder pin [P] 3.5 mm

Hole diameter 1.2 mm

General

Range of articles ZFKDS(A) 1-V

Insulating material group I

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) 200 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

Maximum load current 12 A (with 1.5 mm² conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 7.5 mm

Number of positions 1

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm²

Conductor cross section AWG min. 26

Conductor cro...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDS 1-V-3,81 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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