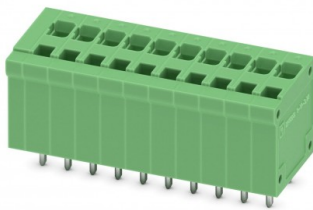


INDUSTRIAL COMPONENT DATA

ZFKDS 1-V-3,81 BK 1766022 PHOENIX CONTACT PCB terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDS 1-V-3,81 BK
Catalog number	1766022
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-B5C7A762E4
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: black, 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.

PCB terminal block, rated current: 12 A, dimensioning voltage (III/2): 200 V, nominal cross-section: 1 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, product series: ZFKDS(A) 1-V, pitch: 3.81 mm, connection type: Spring connection, mounting: wave soldering, conductor/board connection direction: 90°, Color: Black, Pin Layout: Linear Pinning, Pin Length [P]: 3.5mm, Number of Soldering Pins per Potential: 2, Package Type: Packed in the carton. Single module for combining different numbers of poles depending on individual requirements. An additional end clamp is required for locking the lock (see A...

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 1766022

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356431842

Weight per Piece (excluding packing) 1.230 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [L] 15.9 mm

Pitch 3.81 mm

Height 16 mm

Solder pin [P] 3.5 mm

Hole diameter 1.2 mm

General

Range of articles ZFKDS(A) 1-V

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 I_N 12 A

Nominal cross section 1 mm²

Solder pin surface

Stripping length 7.5 mm

Number of positions 1

Connection data

Conductor cross section AWG min. 26

Conductor cross section AWG max. 16

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 4.0271411111eCl@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 1766022 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

18.75 mm

Number of electrical connections (EF008252)

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Nu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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