

INDUSTRIAL COMPONENT DATA

ZFKDS 12-V-3,81 5603057 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDS 12-V-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDS 12-V-3,81
Catalog number	5603057
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-5EFE80066E
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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: 12, Number of rows: 1, Number of poles per row: 12, item family: ZFKDS(A) 1-V, pitch:3.81 mm, connection type: Spring connection, mounting: Wave welding, connection direction conductor/printed circuit board: 90°, Color: Green, Pin Layout: Double Linear Pin Arrangement, Pin Length [P]: 3.5mm

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 5603057

Packing unit 1

GTIN 4046356751667

Custom tariff number 85369010

Dimensions

Length [L] 15.9 mm

Pitch 3.81 mm

Dimension a 41.91 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 IN 12 A

Nominal cross section 1 mm²

Stripping length 7.5 mm

Number of positions 12

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. 0.2 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

Classifications

eCl@ss 4.0271411109eCl@ss 4.1271411109eCl@ss 5.0271411190eCl@ss 5.1272611100eCl@ss 6.0272611100eCl@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 5603057 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

18.75 mm

Number of electrical connections (EF008252)

12

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

3.81 mm

Rated current In (EF008250)

12 A

Rated voltage (EF000228)

200 V

Rated surge voltage (EF002993)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDS 12-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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