

INDUSTRIAL COMPONENT DATA

ZFKDSA 1-W-3,81- 6 1704646 PHOENIX CONTACT Terminal block for printed circuit board, nominal current: 12 A, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 1-W-3,81-6



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 1-W-3,81-6
Catalog number	1704646
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-A53E78565F
Generated	2026-08-04

Product Overview

Terminal block for printed circuit board, nominal current: 12 A, nominal voltage: 200 V, pitch: 3.81 mm, number of poles: 6, connection type: Spring connection, mounting: Solder, conductor connection direction/printed circuit board: 45 °, color: green

Printed circuit board terminal block, rated current: 12 A, rated voltage (III/2): 200 V, rated cross-section: 1 mm², number of potentials: 6, number of rows: 1, number of poles per row: 6, article family: ZFKDS(A) 1-W, pitch: 3.81 mm, connection type: Spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 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)
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Additional Product Information

PCB terminal block, nominal current: 12 A, nom. voltage: 200 V, pitch: 3.81 mm, number of positions: 6, connection method: Spring-cage connection, mounting: Soldering, conductor/PCB connection direction: 45 °, color: green

Your advantages

Key Commercial Data

Orderkey 1704646

Packing unit 1

GTIN 4046356892070

Custom tariff number 85369010

eCI@ss

eCI@ss 4.0 27141109

eCI@ss 4.1 27141109

eCI@ss 5.0 27141190

eCI@ss 5.1 27141190

eCI@ss 6.0 27261101

eCI@ss 7.0 27440401

eCI@ss 8.0 27440401

eCI@ss 9.0 27440401

ETIM

ETIM 4.0 EC002643

ETIM 5.0 EC002643

ETIM 6.0 EC002643

UNSPSC

UNSPSC 6.01 30211801

UNSPSC 7.0901 39121432

UNSPSC 11 39121432

UNSPSC 12.01 39121432

UNSPSC 13.2 39121432

ETIM for 1704646 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

19.48 mm

Number of electrical connections (EF008252)

6

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

3.81 mm

Rated current I_n (EF008250)

12 A

Rated voltage (EF000228)

200 V

Rated surge voltage (EF002993)

2.5 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Spring clamp connection

Connectable conductor cross section solid-core (EF007337)

0.14 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm²

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.14 mm²

Connectable conductor cross section multi-wired (EF007343)

1.5 mm²

Connection type PCB (EF006822)

Soldering connection

Mater...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 1-W-3,81-6 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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