

INDUSTRIAL COMPONENT DATA

ZFKDS 1-3,81 GY 1705581 PHOENIX CONTACT Terminal for printed circuit board, rated current: 12 A, rated volta..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDS 1-3,81 GY
Catalog number	1705581
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-3A7B5CED17
Generated	2026-08-05

Product Overview

Terminal for printed circuit board, rated current: 12 A, rated voltage: 200 V, pitch: 3.81 mm, number of poles: 1, connection type: Spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 45 °, color: gray.

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.

Terminal block for printed circuit board, nominal 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, article family: ZFKDS(A) 1, pitch: 3.81mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: gray, Pin arrangement: Double linear pin arrangement, Pin length [P]: 3.5 mm, 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). Items joined in blocks 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)

Additional Product Information

PCB terminal block, nominal current: 12 A, nom. voltage: 200 V, pitch: 3.81 mm, number of positions: 1, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: gray. Single module for the custom grouping of different numbers of positions. An end terminal block is also needed to terminate the block (see accessories). Blocked items with different numbers of positions are also available.

Your advantages

Defined contact force ensures that contact remains stable over the long termClamping space opened by means of fixed

screwdriver enables convenient conductor connectionAngled connection enables multi-row arrangement on the PCBThe latching on the side enables various numbers of positions to be combinedTwo solder pins reduce the mechanical strain on the soldering spotsKey Commercial Data

Orderkey 1705581

Packing unit 1

GTIN 4046356776707

Custom tariff number 85369010

General

Range of articles ZFKDS(A) 1

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

Solder pin surface Sn

Stripping length 7.5 mm

Number of positions 1

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 se...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDS 1-3,81 GY 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.