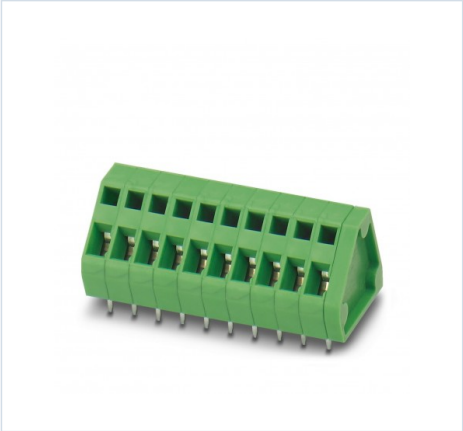
INDUSTRIAL COMPONENT DATA

ZFKDSA 1-3,81- 8 1889796 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 1-3,81-8



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 1-3,81-8
Catalog number	1889796
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-8FAE4DFDEB
Generated	2026-11-19

Product Overview

PCB terminal block
Printed circuit board terminal, rated current: 12 A, sizing voltage (III/2): 200 V, nominal section: 1 mm², Number of potentials: 8, Number of rows: 1, Number of poles per row: 8, item family: ZFKDS(A) 1, pitch: 3.81mm, connection type: Spring connection, mounting: Wave welding, connection direction conductor/printed circuit board: 45 °, color: green, Pin arrangement: Double linear pin arrangement, Pin length [P]: 3.5 mm, packaging type: boxed
Printed circuit board terminal, nominal current: 12 A, rated voltage (III/2): 200 V, nominal cross section: 1 mm2, number of potentials: 8, number of rows: 1, number of positions per row: 8, product range: ZFKDS(A) 1, pitch: 3.81 mm, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type Printed circuit board terminal
Product family ZFKDS(A) 1
Product line COMBICON Terminals S
Type PC terminal block can be aligned
Number of positions 8
Pitch 3.81 mm

Number of connections 8
Number of rows 1
Number of potentials 8
Pin layout Linear pinning
Solder pins per potential 2
Data management status
Article revision 01
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 200 V
Rated voltage (III/3) 200 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 200 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 400 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type PC terminal block can be aligned
Nominal cross section 1 mm²
Conductor connection
Connection method Spring-cage connection
Conductor cross section rigid 0.14 mm² ... 1.5 mm²
Conductor cross section flexible 0.14 mm² ... 1 mm²
Conductor cross section AWG 26 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm²
Stripping length 7.5 mm
MountingMounting type Wave soldering
Pin layout Linear pinning
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics hot-dip tin-plated
Metal surface terminal point (top layer) Tin (10 - 16 µm Sn)
Metal surface soldering area (top....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 1-3,81-8 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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