

## INDUSTRIAL COMPONENT DATA

# ZFKDSA 1-V-3,81- 3 1751723 PHOENIX CONTACT

## Leiterplattenklemme

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZFKDSA 1-V-3,81-3              |
| Catalog number  | 1751723                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-940AC2C966                  |
| Generated       | 2026-08-04                     |

### Product Overview

#### Leiterplattenklemme

Printed circuit board terminal block, rated current: 12 A, rated voltage (III/2): 200 V, rated cross-section: 1 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of poles per row: 3, 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: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of welding 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) |
|--------------|----------------------------------------|

### Additional Product Information

#### Key Commercial Data

Orderkey 1751723

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356318266

Weight per Piece (excluding packing) 3.470 g

Custom tariff number 85369010

Country of origin PL (Poland)

Item properties

Brief article description PCB terminal block

Range of articles ZFKDS(A) 1-V

Pitch 3.81 mm

Number of positions 3

Connection method Spring-cage connection

Mounting type Wave soldering

Pin layout Linear double pinning

Number of levels 1

Electrical parameters

Rated current 12 A

Rated insulation voltage (III/2) 200 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Conductor cross section solid 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Conductor cross section flexible 0.14 mm<sup>2</sup> ... 1 mm<sup>2</sup>

Conductor cross section AWG / kcmil 26 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

Stripping length 7.5 mm

Material 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 layer) Tin (10 - 16 µm Sn)

Material data - housing

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 1-V-3,81-3 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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