

## INDUSTRIAL COMPONENT DATA

# ZFKDSA 1-W-6,35 1704994 PHOENIX CONTACT PCB terminal block, Nominal current: 12 A, Nom. voltage: 200 V, Pits..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 1-W-6,35



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZFKDSA 1-W-6,35                |
| Catalog number  | 1704994                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-D639034E97                  |
| Generated       | 2026-08-04                     |

## Product Overview

PCB terminal block, Nominal current: 12 A, Nom. voltage: 200 V, Pitch: 3.81 mm, Number of positions: 1, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create

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: 1, number of rows: 1, number of poles per row: 1, 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 welding pins per potential: 2, packaging type: boxed. Terminal terminal for the termination of individually compound blocks.

## 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 &gt; PCB Connectors (PCC)

## Additional Product Information

## Dimensions

Length 17.5 mm

Pitch 3.81 mm

Constructional height 15 mm

Length of the solder pin 3.5 mm

Pin dimensions 0,7 x 1 mm

Hole diameter 1.2 mm

## General

Range of articles ZFKDS(A) 1-W  
Insulating material group I  
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) 160 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 mm<sup>2</sup>  
Maximum load current 12 A (with 1.5 mm<sup>2</sup> conductor cross section)  
Insulating material PA  
Solder pin surface Sn  
Flammability rating according to UL 94 V0  
Stripping length 7.5 mm  
Number of positions 1  
Connection data  
Conductor cross section solid min. 0.14 mm<sup>2</sup>  
Conductor cross section solid max. 1.5 mm<sup>2</sup>  
Conductor cross section flexible min. 0.14 mm<sup>2</sup>  
Conductor cross section flexible max. 1 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm<sup>2</sup>  
Conductor cross section AWG min. 26  
Conductor cross section AWG max. 16  
Standards and Regulations  
Connection in acc. with standard EN-VDE  
CUL  
Flammability rating according to UL 94 V0  
eCl@ss  
eCl@ss 4.0 27141109  
eCl@ss 4.1 27141109  
eCl@ss 5.0 27141190  
eCl@ss 5.1 27141190  
eCl@ss 6.0 2726...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 1-W-6,35 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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