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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# PCB terminal block - ZFKDSA 1,5-W-5,08- 2 - 1890743

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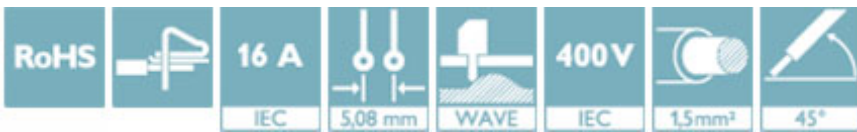
PCB terminal block, nominal current: 16 A, nom. voltage: 400 V, pitch: 5.08 mm, number of positions: 2, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45°, color: green




The figure shows the 10-position version

## Why buy this product

- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Can be operated without tools by means of color-coded actuating lever
- ✓ Angled connection enables multi-row arrangement on the PCB
- ✓ The latching on the side enables various numbers of positions to be combined
- ✓ Two solder pins reduce the mechanical strain on the soldering spots



## Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 173777
GTIN	4017918173777

## Technical data

### Dimensions

Length [ l ]	16.85 mm
Pitch	5.08 mm
Dimension a	5.08 mm
Width [ w ]	10.16 mm
Constructional height	14.2 mm
Height [ h ]	17.7 mm
Solder pin [P]	3.5 mm

### General

Range of articles	ZFKDS(A) 1,5-W
Insulating material group	I

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## Technical data

### General

Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	16 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	16 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	7.5 mm
Number of positions	2

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 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.	1.5 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.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Approvals

### Approvals

Approvals


CSA / EAC

# PCB terminal block - ZFKDSA 1,5-W-5,08- 2 - 1890743

## Approvals

Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm <sup>2</sup> /AWG/kcmil	28-12	28-12	

EAC		B.01742
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