

https://www.phoenixcontact.com/cn/products/1707357



## PCB terminal block - ZFKDSA 1-V-6,35 - 1707357

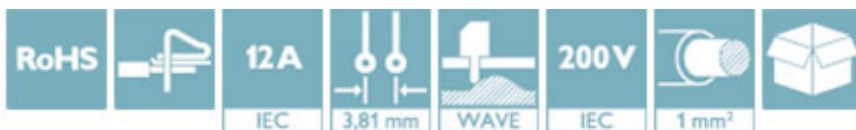
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PCB terminal block, Nominal current: 12 A, Nom. voltage: 200 V, Pitch: 3.81 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90°, Color: green

### Why buy this product

- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Vertical 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
Minimum order quantity	50 STK
GTIN	 4 017918 144791
GTIN	4017918144791
Custom tariff number	8536901900
Sales Key	AAABBA

### Technical data

#### Dimensions

Length	15.9 mm
Pitch	3.81 mm
Constructional height	16 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

#### General

Range of articles	ZFKDS(A) 1-V
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## Technical data

### General

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 $I_N$	12 A
Nominal cross section	1 mm <sup>2</sup>
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 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.2 mm <sup>2</sup>

### Standards and Regulations

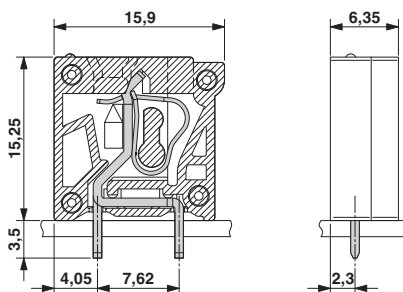
Connection in acc. with standard	EN-VDE
	CUL

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



## Approvals

### Approvals

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# PCB terminal block - ZFKDSA 1-V-6,35 - 1707357


## Approvals


Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

## Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	D	
mm <sup>2</sup> /AWG/kcmil	26-16	26-16	
Nominal current I <sub>N</sub>	10 A	10 A	
Nominal voltage U <sub>N</sub>	250 V	300 V	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	D	
mm <sup>2</sup> /AWG/kcmil	26-16	26-16	
Nominal current I <sub>N</sub>	10 A	10 A	
Nominal voltage U <sub>N</sub>	250 V	300 V	

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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