

https://www.phoenixcontact.com/cn/products/1792511



## PCB terminal block - FFKDSA1/H-2,54- 2 - 1792511

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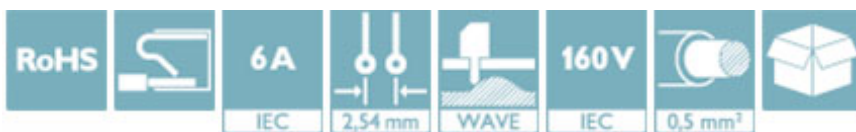
PCB terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 2.54 mm, Number of positions: 2, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: green




The figure shows a 10-position version

### Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Intuitive use through colour coded actuation lever
- Operation and conductor connection from one direction enable integration into front of device
- Two solder pins reduce the mechanical strain on the soldering spots
- The latching on the side enables various numbers of positions to be combined



### Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 228170
GTIN	4017918228170
Custom tariff number	8536901900
Sales Key	AAABBA

### Technical data

#### Dimensions

Length	13.6 mm
Pitch	2.54 mm
Dimension a	2.54 mm
Width	7.58 mm
Constructional height	12.6 mm
Height	16.2 mm
Length of the solder pin	3.6 mm

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## Technical data

### Dimensions

Pin dimensions	0,5 x 0,8
Pin spacing	5.08 mm
Hole diameter	1.1 mm

### General

Range of articles	FFKDS(A)/H
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)	63 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	6 A
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	15 A (with 1.5 mm <sup>2</sup> conductor cross section)
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	11 mm
Number of positions	2

### Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	20

### 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

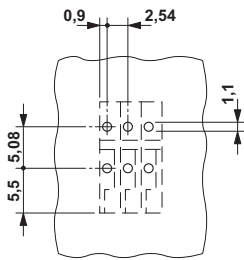
## Drawings

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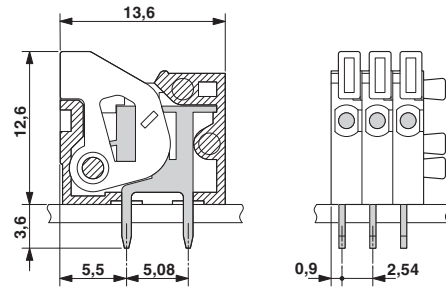


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Drilling diagram



Dimensional drawing



## Approvals

### Approvals

#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
		B	
mm <sup>2</sup> /AWG/kcmil		20	
Nominal current I <sub>N</sub>		6 A	
Nominal voltage U <sub>N</sub>		150 V	

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	
mm <sup>2</sup> /AWG/kcmil		26-20	
Nominal current I <sub>N</sub>		6 A	
Nominal voltage U <sub>N</sub>		150 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	
mm <sup>2</sup> /AWG/kcmil		26-20	

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### Approvals

	B
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	150 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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