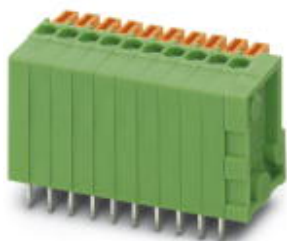


## PCB terminal block - FFKDSA1/V-2,54-16 - 1789074

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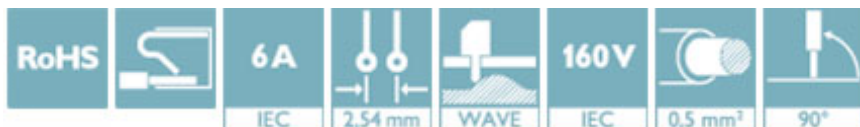


PCB terminal block, nominal current: 6 A, nom. voltage: 160 V, pitch: 2.54 mm, number of positions: 16, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green. The article can be aligned to create different nos. of positions!

The figure shows the 10-position version

### Your advantages

- ✓ 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
- ✓ Vertical connection enables multi-row arrangement on the PCB



### Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918904401

### Technical data

#### Dimensions

Length [ l ]	12.6 mm
Pitch	2.54 mm
Dimension a	38.1 mm
Width [ w ]	43.14 mm
Height	13.6 mm
Height [ h ]	17 mm
Solder pin [P]	3.4 mm
Pin spacing	5.08 mm

# PCB terminal block - FFKDSA1/V-2,54-16 - 1789074

## Technical data

### Dimensions

Hole diameter	1.1 mm
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### General

Range of articles	FFKDS(A) 0,5/...-V
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	6 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	11 mm
Number of positions	16

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	0.5 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20

### Standards and Regulations

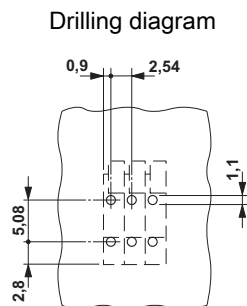
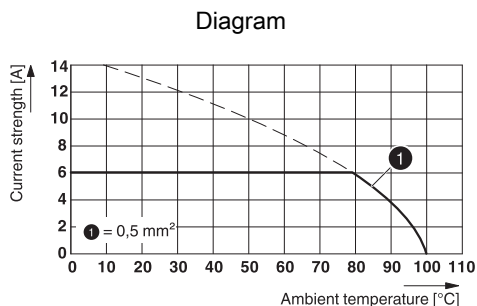
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

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

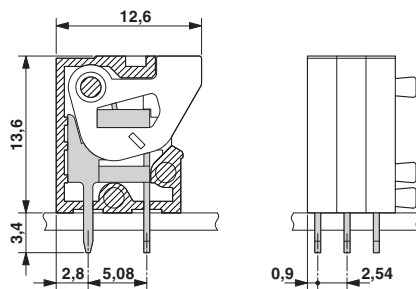
## Drawings

# PCB terminal block - FFKDSA1/V-2,54-16 - 1789074



Type: FFKDS/V-2,54  
 Tested according to DIN EN 60512-5-2:2003-01  
 Reduction factor = 1  
 Number of positions: 5

Dimensional drawing



## Approvals

Approvals

Approvals

CSA / EAC / cULus Recognized

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
		B	
Nominal voltage UN		150 V	
Nominal current IN		6 A	
mm²/AWG/kcmil		20	

# PCB terminal block - FFKDSA1/V-2,54-16 - 1789074

## Approvals

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>	E60425-19870330
		B	
Nominal voltage UN		150 V	
Nominal current IN		6 A	
mm <sup>2</sup> /AWG/kcmil		26-20	

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