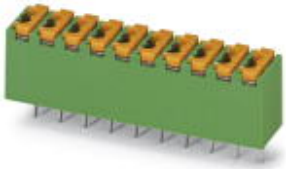


## PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

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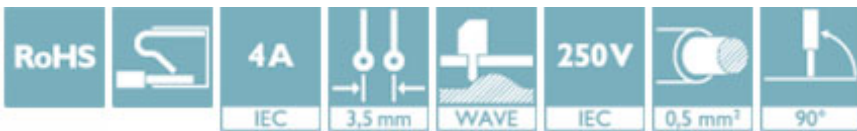
PCB terminal block, nominal current: 4 A, nom. voltage: 250 V, pitch: 3.5 mm, number of positions: 2, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green




The figure shows an 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
- ✓ Potentials can be easily looped through – ideal for BUS applications
- ✓ Small component size for applications where space is at a premium
- ✓ Vertical connection enables multi-row arrangement on the PCB



### Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 169589
GTIN	4017918169589

### Technical data

#### Dimensions

Length [ l ]	7 mm
Pitch	3.5 mm
Dimension a	3.5 mm
Width [ w ]	7.5 mm
Constructional height	9.5 mm
Height [ h ]	13 mm
Solder pin [ P ]	3.5 mm
Pin dimensions	0,35 x 0,9
Hole diameter	1 mm

# PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

## Technical data

### General

Range of articles	FK-MPT 0,5/...-V
Insulating material group	IIIa
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)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	4 A
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	4 A (with 0.5 mm <sup>2</sup> conductor cross section)
Insulating material	PBT
Flammability rating according to UL 94	V0
Stripping length	6.5 mm
Number of positions	2

### Connection data

Conductor cross section solid min.	0.12 mm <sup>2</sup>
Conductor cross section solid 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
	CUL
Flammability rating according to UL 94	V0

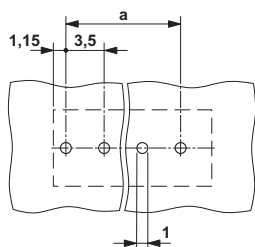
### Environmental Product Compliance

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

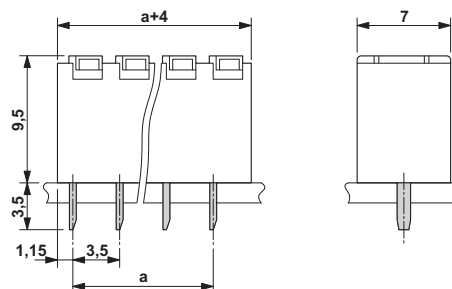
## Drawings

# PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

Drilling diagram



Dimensional drawing



## Approvals

### Approvals

Approvals

UL Recognized / SEV / 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
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	4 A	4 A	
mm <sup>2</sup> /AWG/kcmil	28-20	28-20	


SEV		<a href="https://www.electrosuisse.ch/en/meta/shop/product-certificates.html">https://www.electrosuisse.ch/en/meta/shop/product-certificates.html</a>	IK-3558-M2
Nominal voltage UN	160 V		
Nominal current IN	3 A		
mm <sup>2</sup> /AWG/kcmil	0.5		


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
	D	B	
Nominal voltage UN	300 V	300 V	

## PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

### Approvals

	D	B
Nominal current I <sub>N</sub>	4 A	4 A
mm <sup>2</sup> /AWG/kcmil	28-20	28-20

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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