



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!



## Contact us

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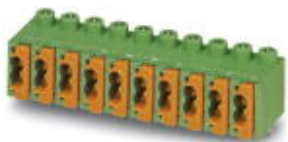
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# PCB terminal block - FK-MPT 0,5/ 3-3,5-H - 1928770

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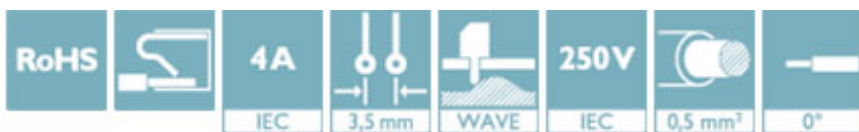
PCB terminal block, nominal current: 4 A, nom. voltage: 250 V, pitch: 3.5 mm, number of positions: 3, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green




The figure shows a 10-position version of the product

## 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



## Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 591229
GTIN	4017918591229

## Technical data

### Dimensions

Length [ l ]	9.5 mm
Pitch	3.5 mm
Dimension a	7 mm
Width [ w ]	11 mm
Constructional height	8.5 mm
Height [ h ]	12.5 mm
Solder pin [P]	4 mm
Pin dimensions	1 mm
Pin spacing	3.5 mm
Hole diameter	1.2 mm

# PCB terminal block - FK-MPT 0,5/ 3-3,5-H - 1928770

## Technical data

### General

Range of articles	FK-MPT 0,5/...-H
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 $I_N$	4 A
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	4 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Stripping length	6.5 mm
Number of positions	3

### 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

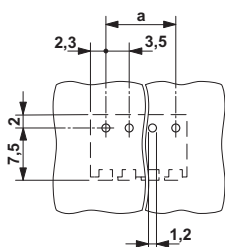
### Environmental Product Compliance

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

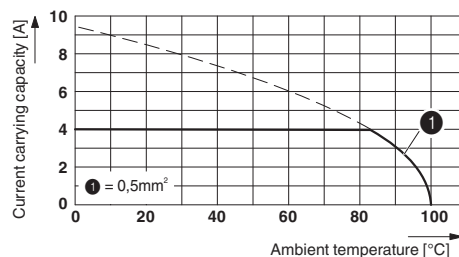
## Drawings

# PCB terminal block - FK-MPT 0,5/ 3-3,5-H - 1928770

Drilling diagram

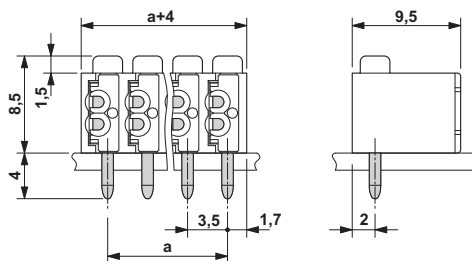


Diagram



Derating diagram for 5 positions; reduction factor=0.8

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	
mm²/AWG/kcmil	28-20	28-20	




# PCB terminal block - FK-MPT 0,5/ 3-3,5-H - 1928770

## Approvals

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		4 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	
Nominal current IN	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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