



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!



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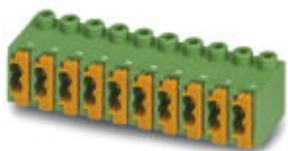
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PCB terminal block - FK-MPT 0,5/ 3-ST-3,5 - 1913934

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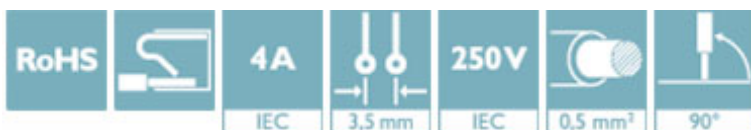
PCB connector, nominal current: 4 A, rated voltage (III/2): 250 V, number of positions: 3, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



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 | |
| GTIN | 4017918176846 |

Technical data

Dimensions

| | |
|--------------|--------|
| Length [l] | 9.5 mm |
| Width [w] | 11 mm |
| Height [h] | 8.5 mm |
| Pitch | 3.5 mm |
| Dimension a | 7 mm |

General

| | |
|---------------------|---------------------------|
| Range of articles | FK-MPT 0,5/...-ST |
| Type of contact | Female connector |
| Number of positions | 3 |
| Connection method | Push-in spring connection |

PCB terminal block - FK-MPT 0,5/ 3-ST-3,5 - 1913934

Technical data

General

| | |
|--|--|
| 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 ² |
| Maximum load current | 4 A (with 0.5 mm ² conductor cross section) |
| Insulating material | PBT |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 6.5 mm |

Connection data

| | |
|------------------------------------|----------------------|
| Conductor cross section solid min. | 0.12 mm ² |
| Conductor cross section solid max. | 0.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 20 |
| Minimum AWG according to UL/CUL | 28 |
| Maximum AWG according to UL/CUL | 20 |

Standards and Regulations

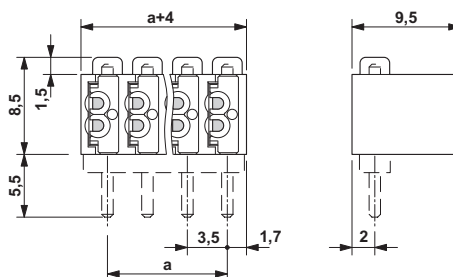
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

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

Drawings

Dimensional drawing



PCB terminal block - FK-MPT 0,5/ 3-ST-3,5 - 1913934

Approvals


Approvals


Approvals


UL Recognized / SEV / cUL Recognized / EAC / cULus Recognized


Ex Approvals

Approval details

| | | | |
|----------------------------|---|---|--------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | D | B | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 4 A | 4 A | |
| mm ² /AWG/kcmil | 28-20 | 28-20 | |

| | | | |
|----------------------------|---|---|------------|
| SEV |  | https://www.electrosuisse.ch/en/meta/shop/product-certificates.html | IK-3558-M2 |
| Nominal voltage UN | 160 V | | |
| Nominal current IN | 4 A | | |
| mm ² /AWG/kcmil | 0.5 | | |

| | | | |
|----------------------------|---|---|--------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | D | B | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 4 A | 4 A | |
| mm ² /AWG/kcmil | 28-20 | 28-20 | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | |
|------------------|---|---|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
|------------------|---|---|

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