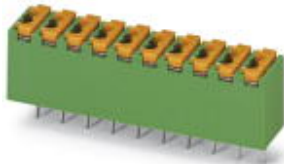


PCB terminal block - FK-MPT 0,5/15-3,5 - 1891195

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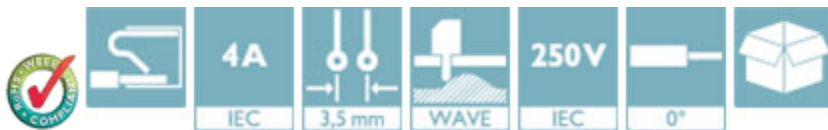


The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 15, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90 °, Color: green

Product Features

- Miniature connection terminal for solid conductors
- More user friendly thanks to direct plug-in technology with release button
- Potentials can be easily looped through thanks to the double connection



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 5.43 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 7 mm |
| Pitch | 3.50 mm |
| Dimension a | 49 mm |
| Width | 53 mm |
| Constructional height | 12.4 mm |
| Height | 15.9 mm |
| Length of the solder pin | 3.5 mm |
| Pin dimensions | 0,4 x 0,9 mm |

PCB terminal block - FK-MPT 0,5/15-3,5 - 1891195

Technical data

Dimensions

| | |
|---------------|------|
| Hole diameter | 1 mm |
|---------------|------|

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_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 |
| Solder pin surface | Sn |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 6.5 mm |
| Number of positions | 15 |

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 |

Standards and Regulations

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

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |

PCB terminal block - FK-MPT 0,5/15-3,5 - 1891195

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 34131203 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

Approvals

Approvals


Approvals

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

Ex Approvals

Approvals submitted

Approval details


| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 28-20 | 28-20 |
| Nominal current I _N | 4 A | 4 A |

PCB terminal block - FK-MPT 0,5/15-3,5 - 1891195

Approvals

| | B | D |
|--------------------|-------|-------|
| Nominal voltage UN | 300 V | 300 V |

| | |
|--------------------|-------|
| SEV | |
| | |
| mm²/AWG/kcmil | 0.5 |
| Nominal current IN | 3 A |
| Nominal voltage UN | 160 V |

| cUL Recognized  | | |
|--|-------|-------|
| | B | D |
| mm²/AWG/kcmil | 28-20 | 28-20 |
| Nominal current IN | 4 A | 4 A |
| Nominal voltage UN | 300 V | 300 V |

| |
|-----|
| EAC |
|-----|

| | |
|--------------------|-------|
| CCA | |
| | |
| mm²/AWG/kcmil | 0.5 |
| Nominal current IN | 3 A |
| Nominal voltage UN | 160 V |

| |
|-----|
| EAC |
|-----|

| | |
|--|--|
| cULus Recognized  | |
|--|--|

Accessories

Accessories

PCB headers

PCB terminal block - FK-MPT 0,5/15-3,5 - 1891195

Accessories

Base strip - FK-MPT 0,5/15-IC-3,5 - 1905476



Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 15, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

Base strip - FK-MPT 0,5/15-ICV-3,5 - 1905625



Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 15, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Additional products

Base strip - FK-MPT 0,5/15-IC-3,5 - 1905476



Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 15, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

Base strip - FK-MPT 0,5/15-ICV-3,5 - 1905625



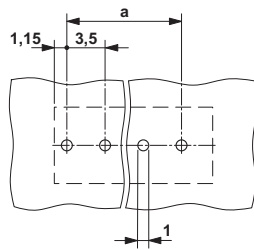
Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 15, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

PCB terminal block - FK-MPT 0,5/15-3,5 - 1891195

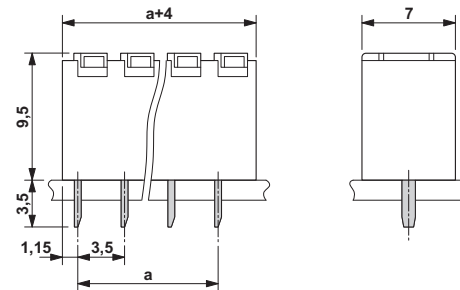
Accessories

Drawings

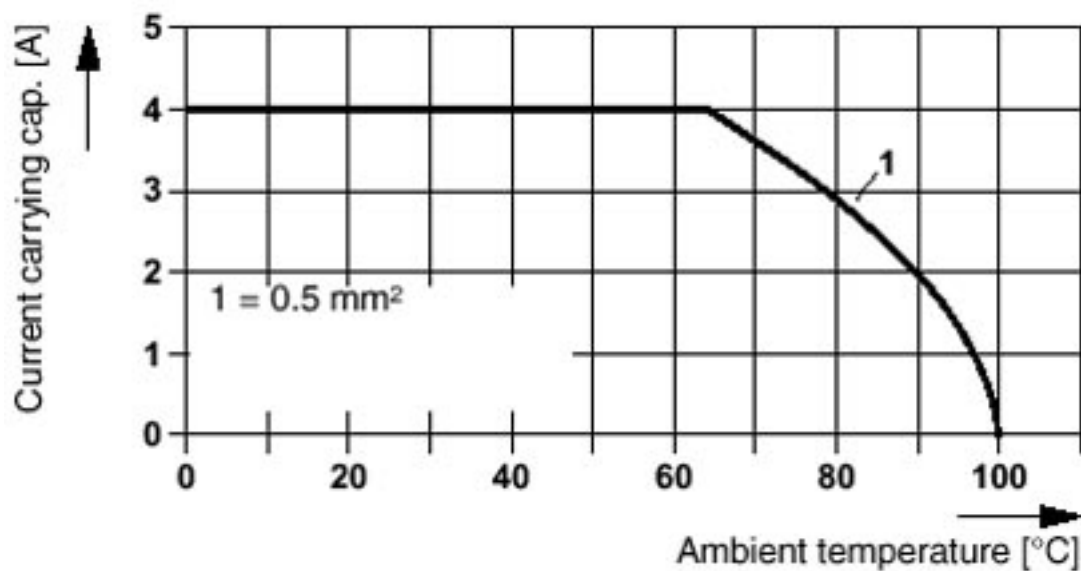
Drilling diagram



Dimensional drawing



Diagram



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