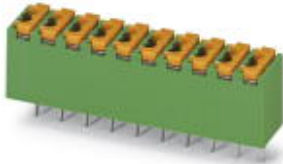


# PCB terminal block - FK-MPT 0,5/ 4-3,5 - 1891085

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PCB terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 4, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

The figure shows a 10-position version of the product

## Product Features

- Available as a PCB terminal block or as a plug
- 3.5 mm pitch
- 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

<b>package_quantity</b>	50
<b>GTIN</b>	4017918169602

## Technical data

### Dimensions

<b>Length</b>	7 mm
<b>Pitch</b>	3.5 mm
<b>Dimension a</b>	10.5 mm
<b>Pin dimensions</b>	0,4 x 0,9 mm
<b>Hole diameter</b>	1 mm

### General

<b>Range of articles</b>	FK-MPT 0,5/...-V
<b>Insulating material group</b>	IIIa
<b>Rated surge voltage (III/3)</b>	2.5 kV
<b>Rated surge voltage (III/2)</b>	2.5 kV
<b>Rated surge voltage (II/2)</b>	2.5 kV
<b>Rated voltage (III/3)</b>	160 V
<b>Rated voltage (III/2)</b>	250 V
<b>Rated voltage (II/2)</b>	250 V
<b>Connection in acc. with standard</b>	EN-VDE
<b>Nominal current I<sub>N</sub></b>	4 A
<b>Nominal cross section</b>	0.5 mm <sup>2</sup>

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## Technical data

### General

Maximum load current	4 A (with 0.5 mm <sup>2</sup> conductor cross section)
Insulating material	PBT
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	6.5 mm
Number of positions	4

### 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/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	20

## classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	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

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UL Recognized / SEV / cUL Recognized / GOST / CCA / GOST / cULus Recognized /

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### Approval details

# PCB terminal block - FK-MPT 0,5/ 4-3,5 - 1891085

## approvals

**UL Recognized**

Usegroups	B	D
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**

Nominal voltage UN	160 V
Nominal current IN	3 A
mm <sup>2</sup> /AWG/kcmil	0.5

**cUL Recognized**

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

**GOST**

**CCA**

Nominal voltage UN	160 V
Nominal current IN	3 A
mm <sup>2</sup> /AWG/kcmil	0.5

**cULus Recognized**

## accessories

### Screwdriver tools

# PCB terminal block - FK-MPT 0,5/ 4-3,5 - 1891085

## accessories

SZF 0-0,4X2,5 - 1204504



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## Printed circuit board housing

FK-MPT 0,5/ 4-IC-3,5 - 1905366



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FK-MPT 0,5/ 4-ICV-3,5 - 1905515

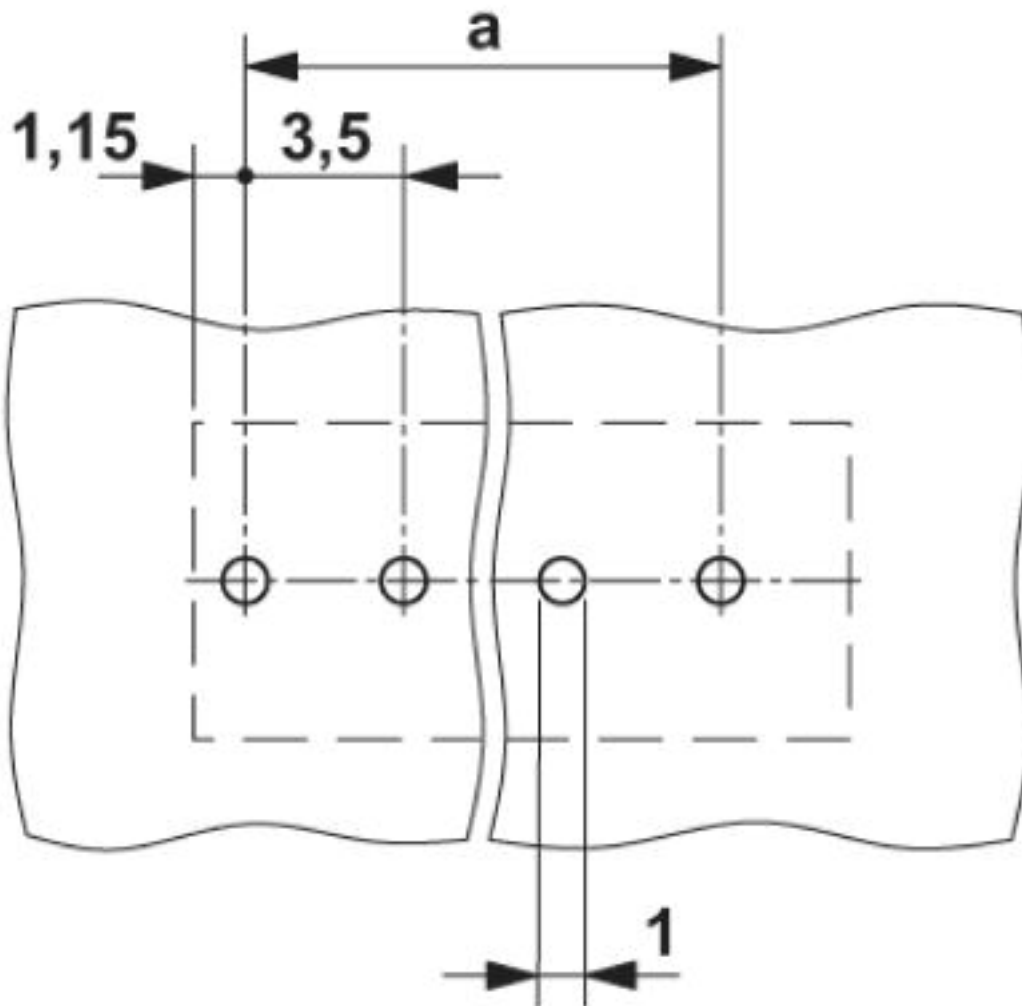


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## Drawings

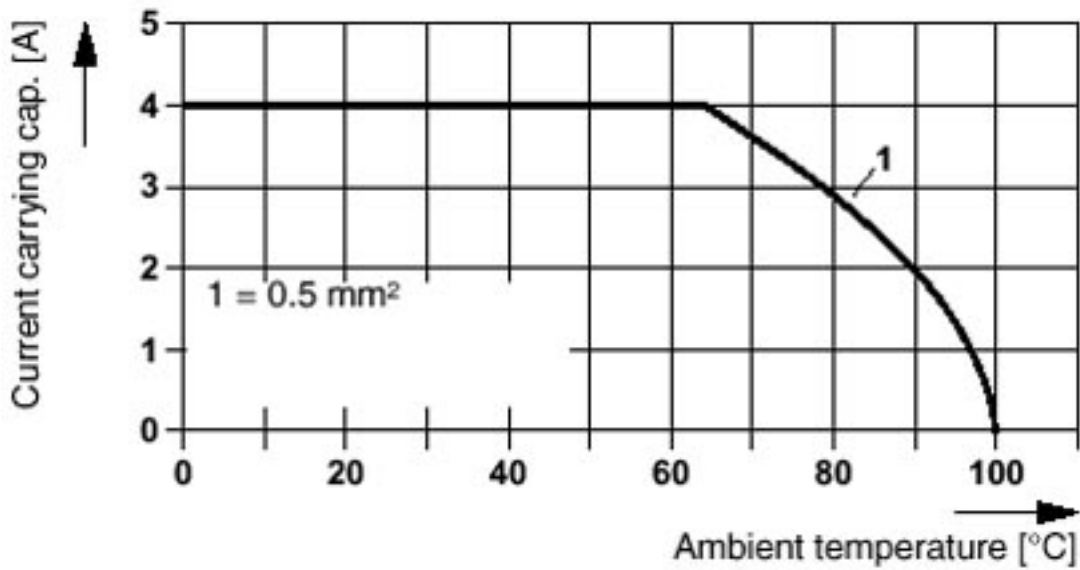
# PCB terminal block - FK-MPT 0,5/ 4-3,5 - 1891085

Drilling diagram



# PCB terminal block - FK-MPT 0,5/ 4-3,5 - 1891085

Diagram



Dimensioned drawing

