



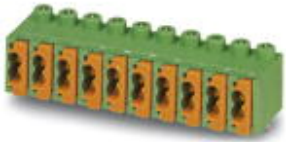
**Automatización Eléctrica**  
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# PCB terminal block - FK-MPT 0,5/ 7-3,5-H - 1928819

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PCB terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 7, 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

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



## Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 591267

## Technical data

### Dimensions

Length	9.5 mm
Pitch	3.50 mm
Dimension a	21 mm
Constructional height	9 mm
Length of the solder pin	4 mm
Pin dimensions	1 mm
Pin spacing	3.5 mm
Hole diameter	1.2 mm

### General

Range of articles	FK-MPT 0,5/...-H
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV

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## Technical data

### General

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 (with 0.5 mm <sup>2</sup> 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	7

### 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

## 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
eCl@ss 9.0	27440401

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

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## Classifications

### 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 / cULus Recognized


#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	28-20	28-20
Nominal current I <sub>N</sub>	4 A	4 A
Nominal voltage U <sub>N</sub>	300 V	300 V

SEV	
mm <sup>2</sup> /AWG/kcmil	0.5
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	160 V

cUL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	28-20	28-20

# PCB terminal block - FK-MPT 0,5/ 7-3,5-H - 1928819

## Approvals

	B	D
Nominal current IN	4 A	4 A
Nominal voltage UN	300 V	300 V

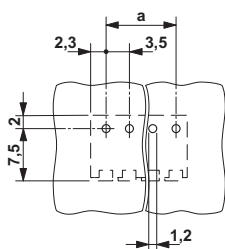
EAC
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CCA	
mm <sup>2</sup> /AWG/kcmil	0.5
Nominal current IN	4 A
Nominal voltage UN	160 V

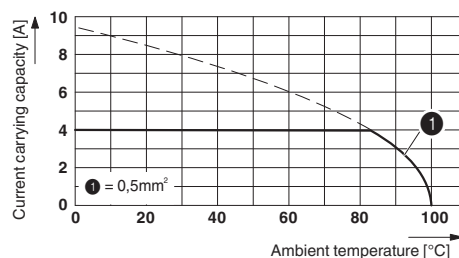
cULus Recognized
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## Drawings

Drilling diagram

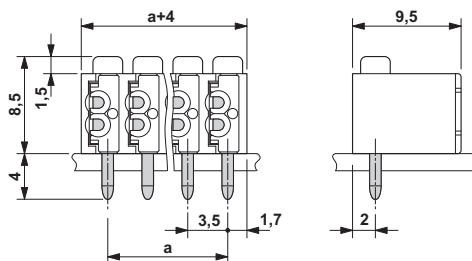


Diagram



Derating diagram for 5 positions; reduction factor=0.8

Dimensional drawing



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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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