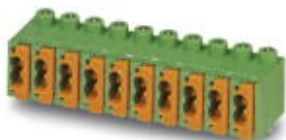


## PCB terminal block - FK-MPT 0,5/12-3,5-H - 1928864

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PCB terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 12, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green




The figure shows a 10-position version of the product

### Why buy this product

- ✓ Available as a PCB terminal block or as a plug
- ✓ Miniature connection terminal for solid conductors
- ✓ 3.5 mm pitch
- ✓ 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	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 591311
Weight per Piece (excluding packing)	5.16 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	9.5 mm
Pitch	3.5 mm
Dimension a	38.5 mm
Pin dimensions	1 mm
Pin spacing	3.5 mm
Hole diameter	1.2 mm

#### General

## PCB terminal block - FK-MPT 0,5/12-3,5-H - 1928864

### 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 (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	12

#### 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

### 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
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## PCB terminal block - FK-MPT 0,5/12-3,5-H - 1928864

### Classifications

#### UNSPSC

UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

### Approvals

#### Approvals


#### Approvals

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


#### Ex Approvals

#### Approvals submitted

#### Approval details

UL Recognized 		
	B	D
mm²/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	
mm²/AWG/kcmil	0.5
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	160 V

cUL Recognized 		
	B	D
mm²/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

# PCB terminal block - FK-MPT 0,5/12-3,5-H - 1928864

## Approvals

EAC

cULus Recognized  US

## Accessories

### Accessories

#### Screwdriver tools

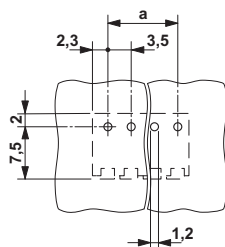
Screwdriver - SZF 0-0,4X2,5 - 1204504



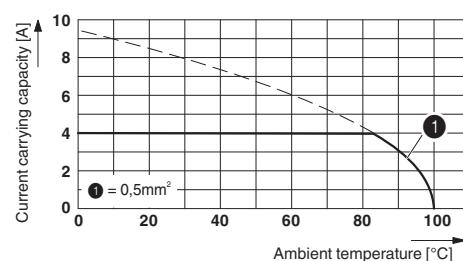
Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

## Drawings

Drilling diagram



Diagram



Derating diagram for 5 positions; reduction factor=0.8

Dimensioned drawing

