

## Plug - FK-MPT 0,5/10-ST-3,5 - 1914001

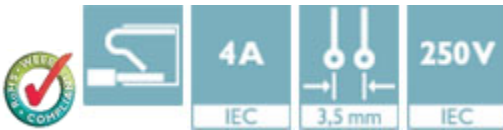
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Plug component, Nominal current: 4 A, Rated voltage (III/2): 250 V, Number of positions: 10, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



### Product Features

- 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	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	3.74 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	9.5 mm
Pitch	3.50 mm
Dimension a	31.5 mm

#### General

Range of articles	FK-MPT 0,5/...-ST
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

## Plug - FK-MPT 0,5/10-ST-3,5 - 1914001

### Technical data

#### General

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 <sub>N</sub>	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
Flammability rating according to UL 94	V0
Stripping length	6.5 mm
Number of positions	10

#### 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
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

### 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	27440309
eCl@ss 9.0	27440309

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## Classifications

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

### UNSPSC

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

## Approvals

### Approvals

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Approvals

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

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### Ex Approvals

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### Approvals submitted

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### 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

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## Approvals

Nominal current I <sub>N</sub>	4 A
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cUL 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

EAC
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CCA

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

EAC
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cULus Recognized

## 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

## Additional products

## Plug - FK-MPT 0,5/10-ST-3,5 - 1914001

### Accessories

Pin strip - PST 1,0/10-3,5 R56 - 1720288



Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 10, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

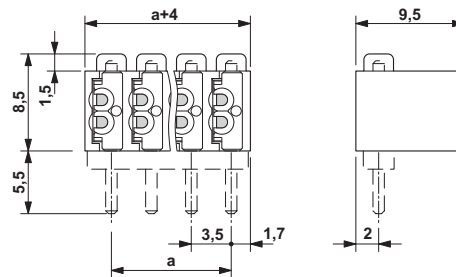
Pin strip - PST 1,0/10-3,5 - 1945177



Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 10, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

### Drawings

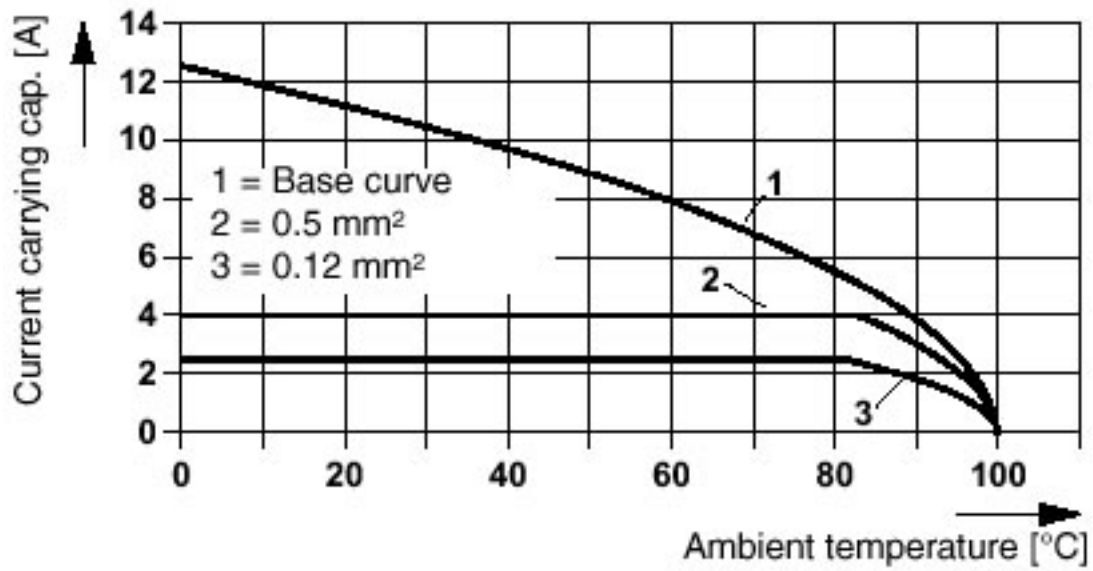
Dimensional drawing



# Plug - FK-MPT 0,5/10-ST-3,5 - 1914001

Diagram

FK-MPT 0,5-ST-3,5 with PST 1,0



# Mouser Electronics

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