

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

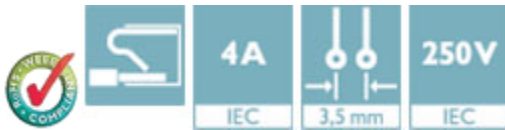
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Plug component, Nominal current: 4 A, Rated voltage (III/2): 250 V, Number of positions: 10, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



### 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
Type of contact	Female connector
Number of positions	10
Connection method	Push-in spring connection
Insulating material group	IIIa

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### Technical data

#### General

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
Flammability rating according to UL 94	V0
Stripping length	6.5 mm

#### 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 $I_N$	4 A
Nominal voltage $U_N$	160 V

cUL Recognized

	B	D
mm <sup>2</sup> /AWG/kcmil	28-20	28-20
Nominal current $I_N$	4 A	4 A
Nominal voltage $U_N$	300 V	300 V

EAC

CCA

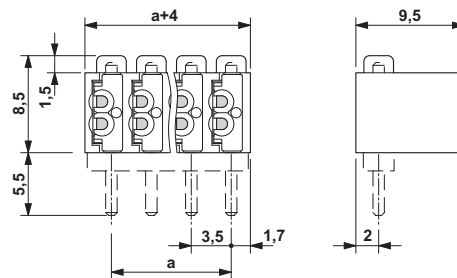
mm <sup>2</sup> /AWG/kcmil	0.5
Nominal current $I_N$	4 A
Nominal voltage $U_N$	160 V

EAC

cULus Recognized

## Drawings

Dimensional drawing



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Diagram

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

