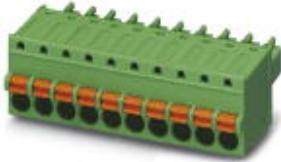


# Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,81 - 1851067

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

The figure shows a 10-position version of the product

## Product Features

- User-friendly actuation of the terminal point using a screwdriver
- Fast conductor connection thanks to Push-in spring-cage connection
- Wide range of possible combinations with MC base strips with 3.5/3.81 mm pitch
- Test connection for accommodating 1.2 mm Ø test pins or 1 mm Ø test plugs

## Key commercial data

package_quantity	50
GTIN	4017918109943

## Technical data

### Dimensions

Pitch	3.81 mm
Dimension a	11.43 mm

### General

Range of articles	FK-MCP 1,5/...-ST
Insulating material group	I
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)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	8 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A (with 1.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A1

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## Technical data

### General

Stripping length	9 mm
Number of positions	4

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	16

## classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

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## approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECCEB Scheme / GOST / CCA / cULus Recognized /

### Approval details

<b>CSA</b>		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	8 A	8 A
mm <sup>2</sup> /AWG/kcmil	28-16	28-16

<b>UL Recognized</b>	
Usegroups	B
Nominal voltage UN	300 V
Nominal current IN	8 A
mm <sup>2</sup> /AWG/kcmil	28-16

<b>VDE Gutachten mit Fertigungsüberwachung</b>	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm <sup>2</sup> /AWG/kcmil	0.2-1.5

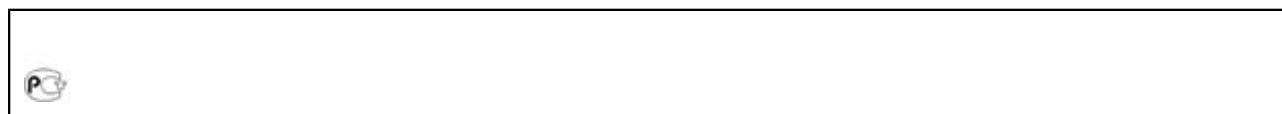
<b>cUL Recognized</b>	
Usegroups	B
Nominal voltage UN	300 V
Nominal current IN	8 A
mm <sup>2</sup> /AWG/kcmil	28-16

<b>GOST</b>	
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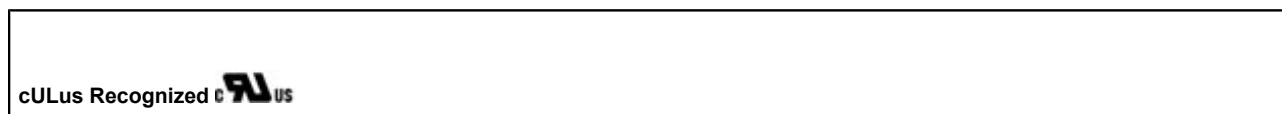
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approvals

<b>IECEE CB Scheme</b>	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm <sup>2</sup> /AWG/kcmil	0.2-1.5



<b>CCA</b>	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm <sup>2</sup> /AWG/kcmil	0.2-1.5



accessories

## Screwdriver tools

SZS 0,4X2,5 VDE - 1205037



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## Labeled terminal marker

SK 3,81/2,8:FORTL.ZAHLEN - 0804109



## Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,81 - 1851067

accessories

### Terminal marking

SK U/2,8 WH:UNBEDRUCKT - 0803883



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### Marker pen

B-STIFT - 1051993



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accessories

SK 3,81/2,8:SO - 0805056

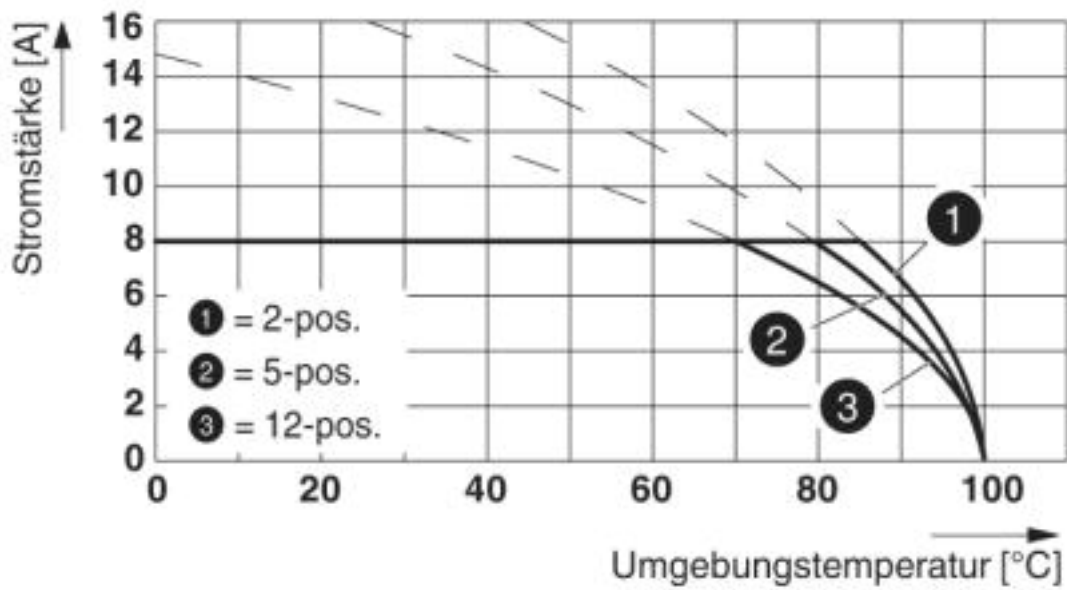


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Drawings

# Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,81 - 1851067

Diagram



Type: FK-MCP 1,5/...-ST-3,81 with MC 1,5/...-G-3,81 P26 THR

Dimensioned drawing

