

## Printed-circuit board connector - SPC 16/ 2-STF-10,16 - 1711378

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Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver



The figure shows a 5-pos. version of the product

### Product Features

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- Optimized for tight installation situations: operation and conductor connection from one direction
- Screwable flange for superior mechanical stability



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.27 g
Custom tariff number	85366990
Country of origin	Bulgaria

### Technical data

#### Dimensions

Pitch	10.16 mm
Dimension a	10.16 mm

#### General

Range of articles	SPC 16/..-STF
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV

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## Technical data

### General

Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	76 A
Nominal cross section	16 mm <sup>2</sup>
Maximum load current	76 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	18 mm
Number of positions	2
Screw thread	M4

### Connection data

Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section flexible min.	0.75 mm <sup>2</sup>
Conductor cross section flexible max.	16 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	18
Conductor cross section AWG max.	4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm <sup>2</sup>
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	4

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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## 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	27440309

### 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

## Approvals

### Approvals

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#### Approvals

UL Recognized / SEV / cUL Recognized / CCA / EAC / IECEE CB Scheme / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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## Approvals


UL Recognized 		
	B	C
mm <sup>2</sup> /AWG/kcmil	20-4	20-4
Nominal current I <sub>N</sub>	66 A	66 A
Nominal voltage U <sub>N</sub>	600 V	600 V

SEV	
mm <sup>2</sup> /AWG/kcmil	16
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

cUL Recognized 		
	B	C
mm <sup>2</sup> /AWG/kcmil	20-4	20-4
Nominal current I <sub>N</sub>	66 A	66 A
Nominal voltage U <sub>N</sub>	600 V	600 V

CCA	
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

EAC
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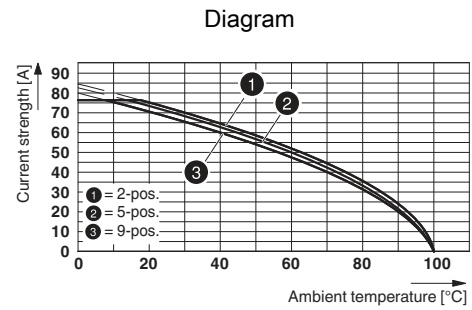
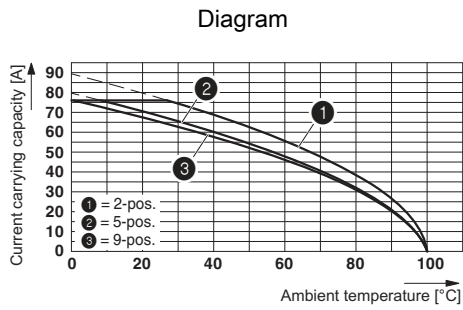
IECEE CB Scheme 	
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

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## Approvals



## Drawings



Type: SPC 16/...-ST(F)-10,16 with DFK-PC 16/...-ST(F)-10,16

## Dimensional drawing

