



Automatización Eléctrica
Especialistas en Automatización

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

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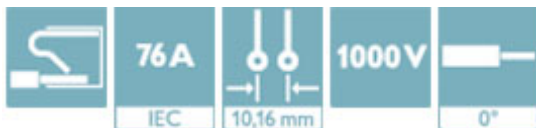
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver




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

Why buy this product

- 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	50 STK
GTIN	 4 046356 081122

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
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	1000 V

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Technical data

General

Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	76 A
Nominal cross section	16 mm ²
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 ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	16 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm ²
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 ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701

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Classifications

eCl@ss

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


Approvals

UL Recognized / SEV / cUL Recognized / EAC / IECCE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	C
mm ² /AWG/kcmil	20-4	20-4
Nominal current I _N	66 A	66 A
Nominal voltage U _N	600 V	600 V

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Approvals

SEV	
mm ² /AWG/kcmil	16
Nominal current I _N	76 A
Nominal voltage U _N	1000 V

cUL Recognized		
	B	C
mm ² /AWG/kcmil	20-4	20-4
Nominal current I _N	66 A	66 A
Nominal voltage U _N	600 V	600 V

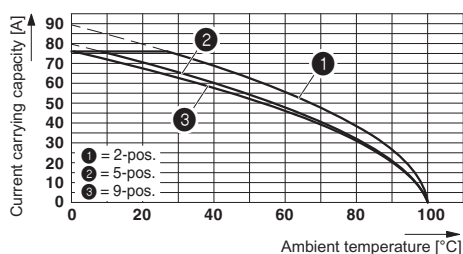
EAC

IECEE CB Scheme	
Nominal current I _N	76 A
Nominal voltage U _N	1000 V

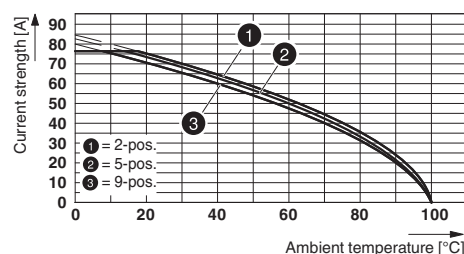
cULus Recognized	
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Drawings

Diagram



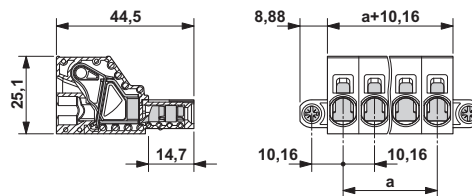
Diagram



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

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Dimensional drawing



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Product	Code	Reference	Product link
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