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_N	76 A
Nominal cross section	16 mm²
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 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section flexible min.	0.75 mm²
Conductor cross section flexible max.	16 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm²
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 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm²
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

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

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

	B	C
mm²/AWG/kcmil	20-4	20-4
Nominal current IN	66 A	66 A
Nominal voltage UN	600 V	600 V

SEV

mm²/AWG/kcmil	16
Nominal current IN	76 A
Nominal voltage UN	1000 V

cUL Recognized

	B	C
mm²/AWG/kcmil	20-4	20-4
Nominal current IN	66 A	66 A
Nominal voltage UN	600 V	600 V

CCA

Nominal current IN	76 A
Nominal voltage UN	1000 V

EAC

IECEE CB Scheme

Nominal current IN	76 A
Nominal voltage UN	1000 V

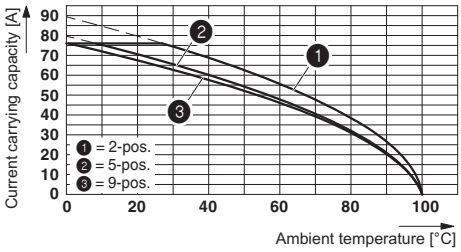
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Approvals

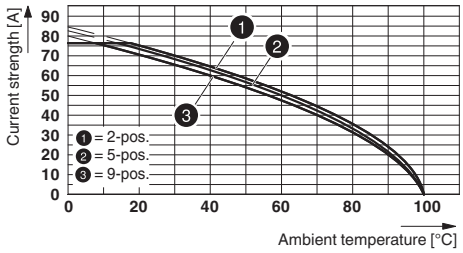
cULus Recognized

Drawings

Diagram

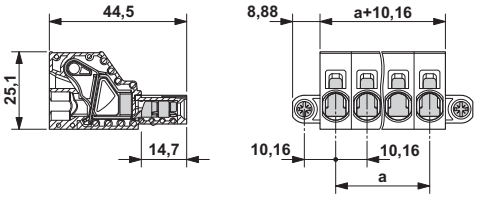


Diagram



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

Dimensional drawing



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