

Printed-circuit board connector - SPC 16/ 3-STF-10,16 - 1711381

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Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, 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

- Fast connection technology thanks to tool-free direct plug-in principle
- Unlimited 600 V UL approval
- Maximum contact reliability due to integrated double steel spring
- Push-in spring-cage plug with a current carrying capacity of 76 A
- CP-PC RD coding profile



Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 081139
Weight per Piece (excluding packing)	28.15 g
Custom tariff number	85366990
Country of origin	Bulgaria

Technical data

Dimensions

Pitch	10.16 mm
Dimension a	20.32 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	3

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

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
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Classifications

ETIM

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 / CCA / EAC / IEC60335 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

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

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Approvals

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

CCA	
Nominal current I _N	76 A
Nominal voltage U _N	1000 V

EAC

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

cULus Recognized	
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Accessories

Accessories

Coding element

Coding profile - CP-PC RD - 1701967

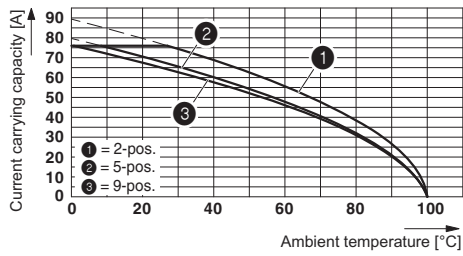
Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red



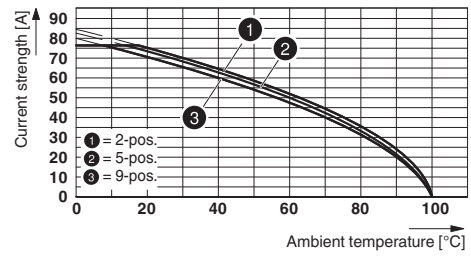
Drawings

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Diagram



Diagram



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

Dimensional drawing

