

Printed-circuit board connector - SPC 5/ 3-STF-7,62 - 1996139

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Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 7.62 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



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

Product Features

- Fast connection technology thanks to tool-free direct plug-in principle
- Automatic, tool-free snap-lock mechanism using the Click and Lock system (-STCL); high level of safety even in the event of vibrations
- 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 41 A
- CP-PC RD coding profile



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	19.13 g
Custom tariff number	85366990
Country of origin	Bulgaria

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	15.24 mm

General

Range of articles	SPC 5/...-STF
Insulating material group	I

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Technical data

General

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
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	41 A
Nominal cross section	6 mm ²
Maximum load current	41 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	15 mm
Number of positions	3

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	8

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

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized		
	B	C
mm ² /AWG/kcmil	24-8	24-8
Nominal current I _N	35 A	35 A
Nominal voltage U _N	600 V	600 V

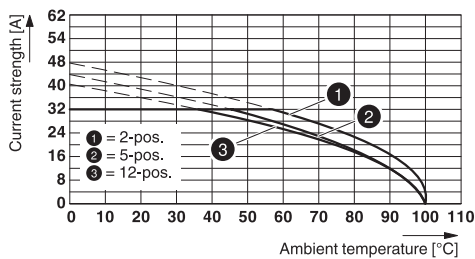
cUL Recognized		
	B	C
mm ² /AWG/kcmil	24-8	24-8
Nominal current I _N	35 A	35 A
Nominal voltage U _N	600 V	600 V

EAC

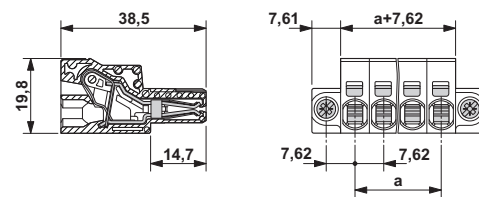
cULus Recognized		
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Drawings

Diagram



Dimensional drawing



Derating curve for: SPC 5/...-ST-7,62 with PC 5/...-G-7,62