

Printed-circuit board connector - SPC 5/ 6-STCL-7,62 - 1718520

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Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Spring-cage conn., 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 PCE
GTIN	
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	7.62 mm
Dimension a	38.1 mm
Number of positions	6

Technical data

Range of articles	SPC 5/...-STCL
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Technical data

Technical data

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/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	41 A
Nominal voltage U_N	1000 V
Nominal cross section	6 mm ²
Maximum load current	41 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	15 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	35 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	35 A

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	6 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil 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

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Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / 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

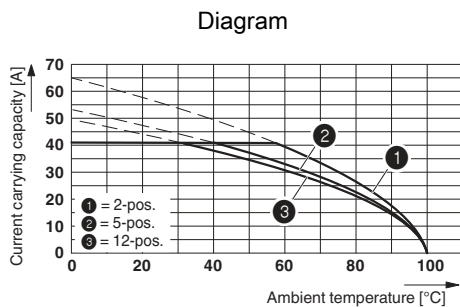
cUL Recognized

	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

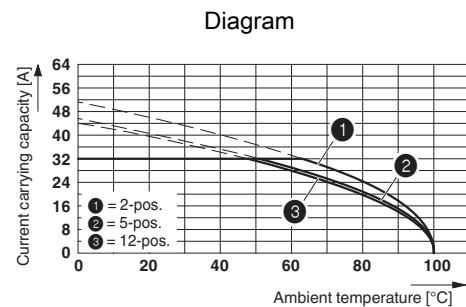
GOST

cULus Recognized

Drawings



Derating curve for: SPC 5/...-ST-7.62 with PC 5/...-G-7.62



Derating curve for: SPC 5/...-ST-7.62 with PC 5/...-G-7.62
Conductor cross section: 6 mm²

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Dimensioned drawing

