

Printed-circuit board connector - SPC 5/ 6-ST-7,62 - 1996058

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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 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) | 28.2 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Bulgaria |

Technical data

Dimensions

| | |
|-------------|---------|
| Pitch | 7.62 mm |
| Dimension a | 38.1 mm |

General

| | |
|-----------------------------|--------------|
| Range of articles | SPC 5/...-ST |
| Insulating material group | I |
| Rated surge voltage (III/3) | 8 kV |

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Technical data

General

| | |
|---|-------------------|
| 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 |
| Inflammability class according to UL 94 | V0 |
| Stripping length | 15 mm |
| Number of positions | 6 |

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 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

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 / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

| | | |
|---|------|------|
| UL Recognized  | | |
| | B | C |
| mm²/AWG/kcmil | 24-8 | 24-8 |
| Nominal current I _N | 35 A | 35 A |

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Approvals

| | | |
|--------------------|-------|-------|
| | B | C |
| Nominal voltage UN | 600 V | 600 V |

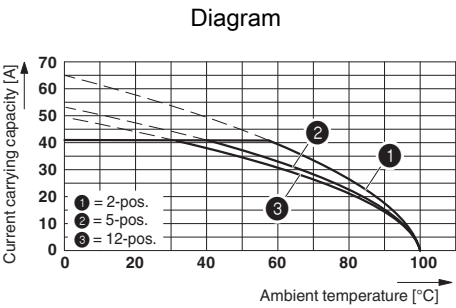
| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | C |
| mm²/AWG/kcmil | 24-8 | 24-8 |
| Nominal current IN | 35 A | 35 A |
| Nominal voltage UN | 600 V | 600 V |

| | | |
|--|--|--|
| GOST  | | |
|--|--|--|

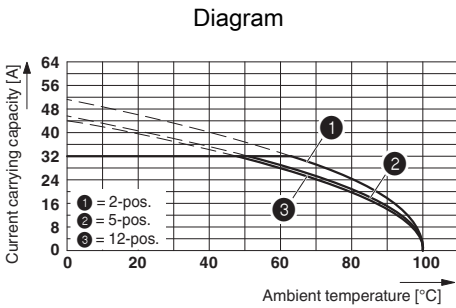
| | | |
|---|--|--|
| GOST  | | |
|---|--|--|

| | | |
|--|--|--|
| cULus Recognized  | | |
|--|--|--|

Drawings



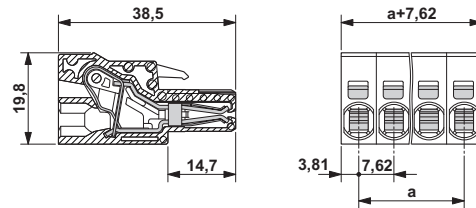
Derating curve for: SPC 5/...-ST-7,62 with PC 5/...-G-7,62



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



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