

## SPC 5/ 2-ST-7,62

Order No.: 1996016

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



Plug, spring-cage connection, no. of positions: 2, pitch: 7.62 mm, U = 1000 V, I = 41 A

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4046356037754      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.01023 KG         |
| Catalog page information | Page 340 (CC-2007) |

### Product notes

WEEE/RoHS-compliant since:  
04/15/2004



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

|                     |         |
|---------------------|---------|
| Pitch               | 7.62 mm |
| Dimension a         | 7.62 mm |
| Number of positions | 2       |

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**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              | 10 mm <sup>2</sup> |
| Maximum load current               | 41 A               |
| Insulating material                | PA                 |
| Inflammability class acc. to UL 94 | V0                 |
| Stripping length                   | 15 mm              |

**Connection data**

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 10 mm <sup>2</sup>   |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 6 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>    |
| 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 <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup>  |

## Certificates / Approvals

### Approval logo



#### CUL

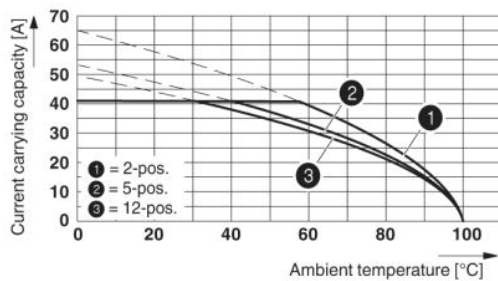
|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 35 A  |
| AWG/kcmil             | 24-8  |

#### UL

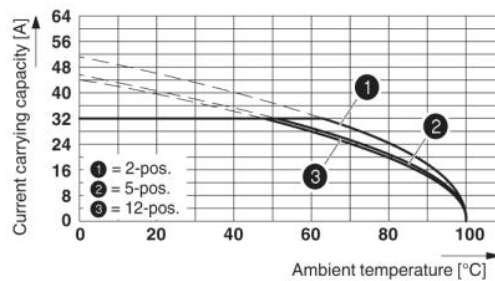
|                       |         |
|-----------------------|---------|
| Nominal voltage $U_N$ | 600 V   |
| Nominal current $I_N$ | 35 A    |
| AWG/kcmil             | 24-8    |
| Certification         | CUL, UL |

## Drawings

### Diagram



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 mm<sup>2</sup>

### Dimensioned drawing

