

## SPC 5/ 3-STF-7,62

Order No.: 1996139

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1996139>

Plug component, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch:  
7.62 mm, Number of positions: 3, Connection type: Spring-cage conn.,  
Color: green

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4046356037877      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.01913 KG         |
| Catalog page information | Page 385 (CC-2009) |

### Product notes

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



[http://  
www.download.phoenixcontact.com](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         | 15.24 mm |
| Number of positions | 3        |

#### 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



Certification

CUL, UL

### CUL

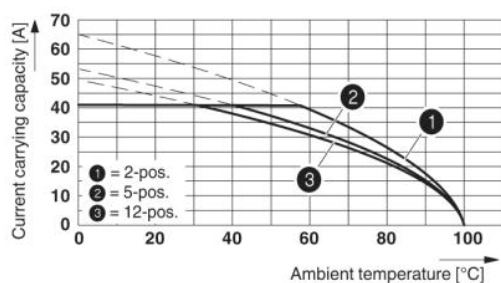
|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 35 A  |
| AWG/kcmil             | 24-8  |

### UL

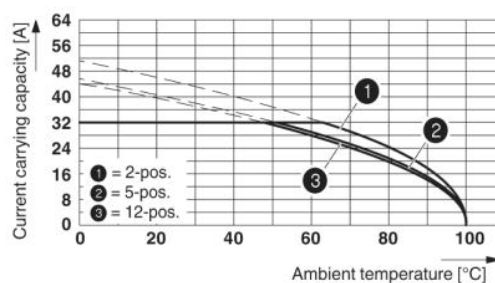
|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 35 A  |
| AWG/kcmil             | 24-8  |

## Diagrams/Drawings

### Diagram



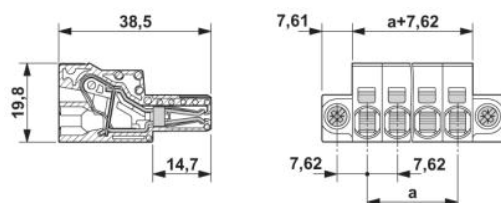
Derating curve for: SPC 5/...-ST-7.62 with PC 5/...-G-7.62



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

Conductor cross-section: 6 mm<sup>2</sup>

### Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2010 Phoenix Contact  
Technical modifications reserved;