

## SPC 5/ 6-STCL-7,62

Order No.: 1718520

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

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1718520>

Plug component, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch:  
7.62 mm, Number of positions: 6, Connection type: Spring-cage conn.,  
Color: green

### Commercial data

EAN	4046356175197
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.030688 KG
Catalog page information	Page 385 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
11/23/2006



<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	38.1 mm
Number of positions	6

**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**

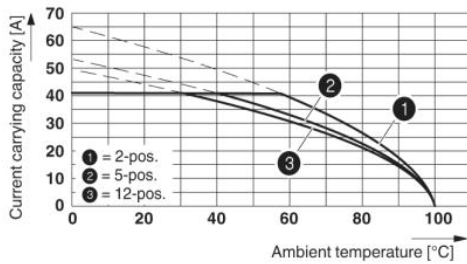
Nominal voltage $U_N$	600 V
Nominal current $I_N$	35 A
AWG/kcmil	24-8

**UL**

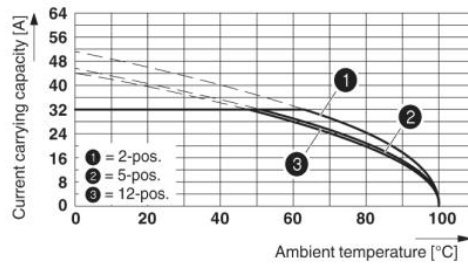
Nominal voltage $U_N$	600 V
Nominal current $I_N$	35 A
AWG/kcmil	24-8

**Diagrams/Drawings**

**Diagram**

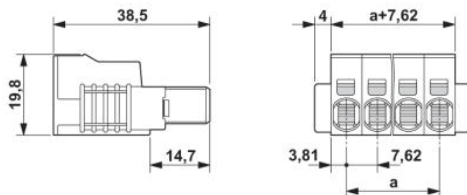


Derating curve for: SPC 5/...-ST-7.62 with PC 5/...-G-7.62



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**

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