

SPC 5/ 2-STCL-7,62

Order No.: 1718481

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

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1718481>

Plug component, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch:
7.62 mm, Number of positions: 2, Connection type: Spring-cage conn.,
Color: green

| Commercial data | |
|--------------------------|--------------------|
| EAN | 4046356173957 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.011587 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 | 7.62 mm |
| Number of positions | 2 |

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 ² |
| 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 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 |

Certificates / Approvals



Certification CUL, UL

CUL

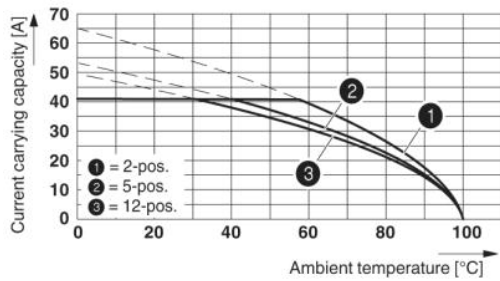
| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 35 A |
| AWG/kcmil | 24-8 |

UL

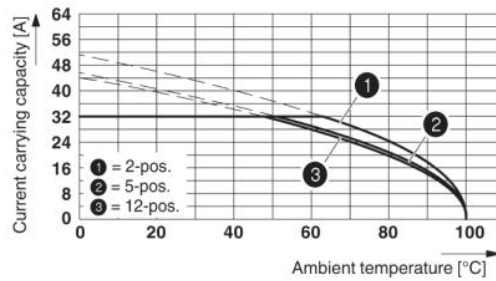
| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 35 A |
| AWG/kcmil | 24-8 |

Diagrams/Drawings

Diagram



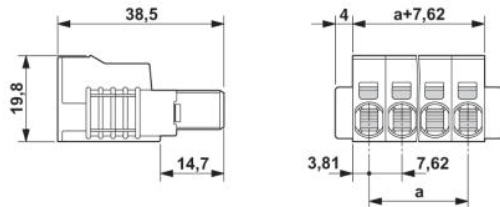
Derating curve for: SPC 5/...-ST-7.62 with PC 5/...-G-7.62



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

Conductor cross-section: 6 mm²

Dimensioned drawing



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