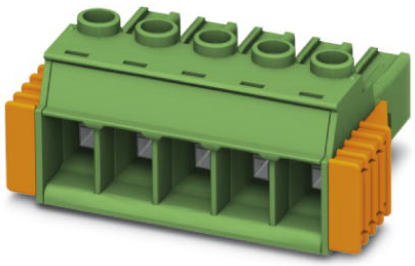
**Extract from the online catalog**

# PC 5/ 5-STCL1-7,62

Order No.: 1778094



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1778094

Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection, Color: Green

## Commercial data

| | |
|---|---|
| GTIN (EAN) | 4 046356 523226 |
| Note | Made-to-order |
| sales group | E522 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 431 (CC-2011) |

Product notes

WEEE/RoHS-compliant since: 08/05/2009

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

| | |
|---|---|
| Length | 35.5 mm |
| Height | 19.7 mm |
| Pitch | 7.62 mm |
| Dimension a | 30.48 mm |

| | |
|---|---|
| Number of positions | 5 |
| Screw thread | M3 |
| Tightening torque, min | 0.7 Nm |
| Tightening torque max | 0.8 Nm |

**Technical data**

| | |
|---|---|
| Range of articles | PC 5/..-STCL1 |
| 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 |
| Nominal current $I_N$ | 41 A |
| Nominal voltage $U_N$ | 1000 V |
| Nominal cross section | 6 mm² |
| Maximum load current | 41 A |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A4 |
| Stripping length | 10 mm |
| Nominal voltage, UL/CUL Use Group B | 600 V |
| Nominal current, UL/CUL Use Group B | 41 A |
| Nominal voltage, UL/CUL Use Group C | 600 V |
| Nominal current, UL/CUL Use Group C | 41 A |

**Connection data**

| | |
|---|---|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 10 mm² |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 6 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 6 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm² |

| | |
|---|---|
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 4 mm² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 10 |
| 2 conductors with same cross section, solid min. | 0.2 mm² |
| 2 conductors with same cross section, solid max. | 2.5 mm² |
| 2 conductors with same cross section, stranded min. | 0.2 mm² |
| 2 conductors with same cross section, stranded max. | 4 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm² |
| Minimum AWG according to UL/CUL | 24 |
| Maximum AWG according to UL/CUL | 8 |

## Certificates / Approvals

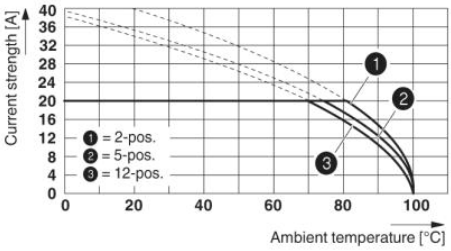
| | |
|---|---|
| Certification | CUL, UL |

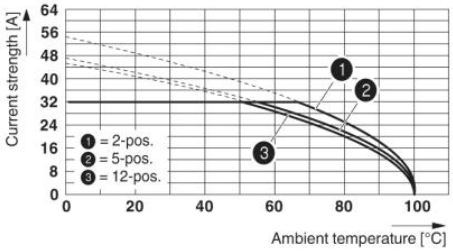
## Accessories

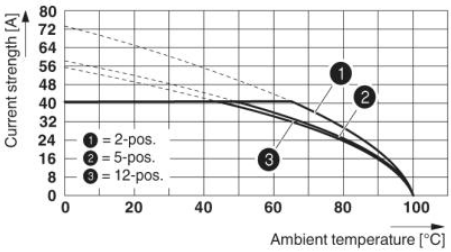
| Item | Designation | Description |
|---|---|---|
| **General** | | |
| 1701967 | CP-PC RD | |
| 1205150 | SZK PH1 VDE | Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip |
| **Tools** | | |
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |

## Diagrams/Drawings

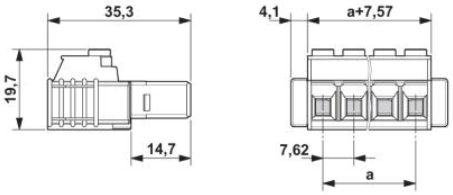
### Diagram




### Dimensioned drawing



## Address

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