Extract from the online catalog

# PC 4/ 2-ST-7,62

Order No.: 1804904

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

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1804904

Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 2, Pitch: 7.62 mm, Connection method: Screw connection, Color: green

| Commercial data | |
|---|---|
| GTIN (EAN) | 4 017918 046347 |
| sales group | E512 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 418 (CC-2011) |

Product notes

WEEE/RoHS-compliant since: 02/11/2005

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 |
| Screw thread | M3 |

| | |
|---|---|
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

**Technical data**

| | |
|---|---|
| Range of articles | PC 4/..-ST |
| Insulating material group | I |
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/2) | 630 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current $I_N$ | 20 A |
| Nominal voltage $U_N$ | 400 V |
| Nominal cross section | 4 mm² |
| Maximum load current | 20 A |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A4 |
| Stripping length | 7 mm |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 20 A |
| Nominal voltage, UL/CUL Use Group C | 300 V |
| Nominal current, UL/CUL Use Group C | 20 A |
| Nominal voltage, UL/CUL Use Group D | 600 V |
| Nominal current, UL/CUL Use Group D | 5 A |

**Connection data**

| | |
|---|---|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 4 mm² |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 4 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 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. | 1.5 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. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 10 |

## Certificates / Approvals

Certification BV, CSA, CUL, GOST, RS, UL

## Accessories

| Item | Designation | Description |
|---|---|---|
| **General** | | |
| 1837227 | KGG-PC 4/ 3 | Cable housing, Pitch: 0 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green |
| 1837324 | KGG-PC 4/ 3-F | Cable housing, Pitch: 0 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green |

| | | |
|---|---|---|
| 1837256 | KGS-PC 4/ 6 | Cable housing, Pitch: 0 mm, Number of positions: 6, Dimension a: 47.52 mm, Color: green |
| 1837353 | KGS-PC 4/ 6-F | Cable housing, Pitch: 0 mm, Number of positions: 6, Dimension a: 47.52 mm, Color: green |

**Marking**

| | | |
|---|---|---|
| 0804549 | SK 7,62/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 12 identical decades marked 1-10, 11-20 etc. up to 91-99, sufficient for 120 terminal blocks |

**Plug/Adapter**

| | | |
|---|---|---|
| 1600027 | CP-HCC 4 | Coding profile, Color: red |

**Tools**

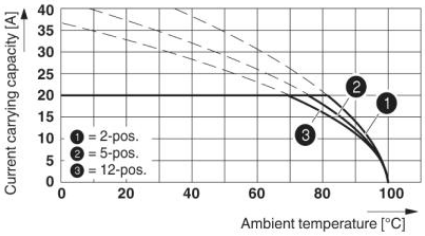
| | | |
|---|---|---|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |

## Additional products

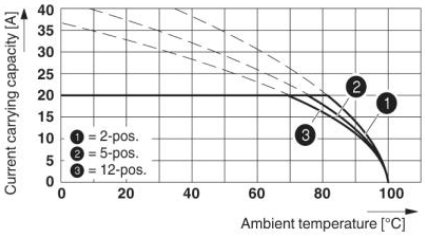
| Item | Designation | Description |
|---|---|---|
| **General** | | |
| 1849998 | PCVK 4-7,62 | Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 1, Pitch: 7.62 mm, Connection method: Screw connection, Color: green |
| 1876246 | PCVK 4-7,62-PE | Plug component, Rated voltage (III/2): 630 V, Number of positions: 1, Pitch: 7.62 mm, Connection method: Screw connection, Color: green-yellow |
| 1838381 | UPCV3K 4-G-7,62 | Header, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 1, Pitch: 7.62 mm, Connection method: Screw connection, Color: gray, The article can be aligned to create different nos. of positions! Mounting flange: Accessory Order No. 1881202 |

## Diagrams/Drawings

### Diagram

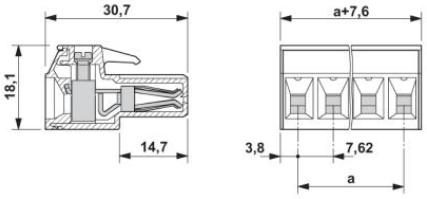



Derating curve for: PC 4/..-ST-7,62 with PC 4/..-G-7,62




Derating curve for: PC 4/..-ST-7,62 with PCV 4/..-G-7,62

### 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