

PC 4 HV/ 2-STF-7,62

This product has been replaced by a newer version.


Order No.: 1882379

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



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1882379>

Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

| Commercial data | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 351113 |
| Note | Made-to-order |
| sales group | E512 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 369 (CC-2009) |

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 | |
| Height | 19.7 mm |
| 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 HV/...STF |
| 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 | 20 A |
| Nominal voltage U_N | 800 V |
| Nominal cross section | 4 mm ² |
| Maximum load current | 20 A |
| Insulating material | PA |
| Inflammability class according 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 | 20 A |
| Nominal voltage, UL/CUL Use Group C | 600 V |
| Nominal current, UL/CUL Use Group C | 20 A |

Connection data

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

Certificates / Approvals



Certification

CSA, CUL, GOST, UL

Accessories

| Item | Designation | Description |
|----------------|--------------------------|--|
| Marking | | |
| 1051993 | B-STIFT | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |
| 0804549 | SK 7,62/3,8:FORTL.ZAHLEN | Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, For terminal block width: 7.62 mm |

| | | |
|---------|------------------------|---|
| 0805153 | SK 7,62/3,8:SO | Marker cards, white, Mounting type: Adhesive, For terminal block width: 7.62 mm |
| 0803906 | SK U/3,8 WH:UNBEDRUCKT | Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office-Drucksysteme, Mounting type: Adhesive |

Plug/Adapter

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

Tools

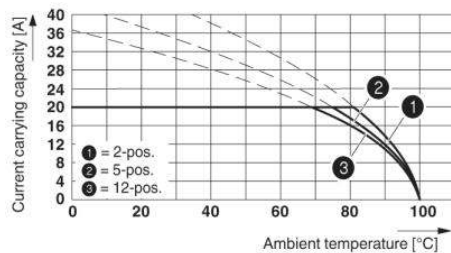
| | | |
|---------|-------------|--|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|-------------|--|

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, Contact surface: Tin |
| 1876246 | PCVK 4-7,62-PE | 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-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, The article can be aligned to create different nos. of positions! Mounting flange: Accessory Order No. 1881202 |

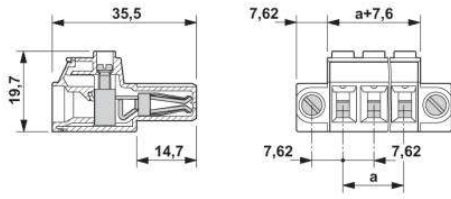
Diagrams/Drawings

Diagram



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

Dimensioned drawing



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