

## PC 4/10-STF-7,62

Order No.: 1828320

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1828320>

Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V,  
Number of positions: 10, Pitch: 7.62 mm, Color: green, Metal surface:  
Sn

### Commercial data

GTIN (EAN)	4017918050559
sales group	E512
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.045057 KG
Catalog page information	Page 367 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
09/08/2005



<http://www.download.phoenixcontact.com>  
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### Technical data

#### Dimensions / positions

Pitch	7.62 mm
Dimension a	68.58 mm
Number of positions	10
Screw thread	M3

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Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

**Technical data**

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

**Certificates / Approvals**



Certification

CSA, CUL, DNV, GL, GOST, LR, UL

**CSA**

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	20 A
AWG/kcmil	28-10

**CUL**

Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	20 A
AWG/kcmil	30-10

**UL**

Nominal voltage $U_N$	600 V
Nominal current $I_N$	20 A
AWG/kcmil	30-10

**Accessories**

Item	Designation	Description
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**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
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**Plug/Adapter**

1600027	CP-HCC 4	Coding profile, Color: red
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**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
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**Additional products**

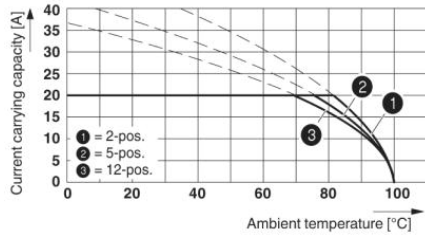
Item	Designation	Description
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**General**

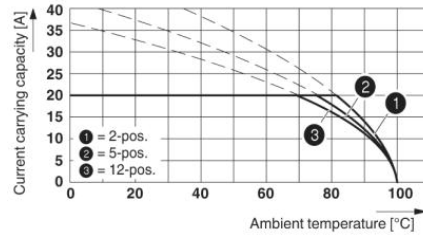
1849998	PCVK 4-7,62	Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 1, Pitch: 7.62 mm, Color: green, Metal surface: Sn
1876246	PCVK 4-7,62-PE	Plug component, Rated voltage (III/2): 630 V, Number of positions: 1, Pitch: 7.62 mm, Color: green-yellow, Metal surface: Sn
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, Color: gray, Metal surface: Sn, The article can be aligned to create different nos. of positions! Mounting flange: Accessory Order No. 1881202

Diagrams/Drawings

Diagram

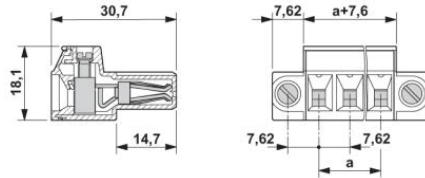


Derating curve for: PC 4/..-ST-7,62 with  
 PC 4/..-G-7,62



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

Dimensioned drawing



**Address**

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