

## PC 4/ 5-ST-7,62

Order No.: 1804933

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

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1804933>

Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch:  
7.62 mm, Number of positions: 5, Connection type: Screw connection,  
Color: green

### Commercial data

EAN	4017918046378
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.021297 KG
Catalog page information	Page 366 (CC-2009)

### Product notes

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

<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	30.48 mm
Number of positions	5
Screw thread	M3

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Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

**Technical data**

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

**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>

**Certificates / Approvals**



Certification BV, CSA, CUL, GOST, RS, 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>	5 A
AWG/kcmil	30-10

**UL**

Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	5 A
AWG/kcmil	30-10

**Accessories**

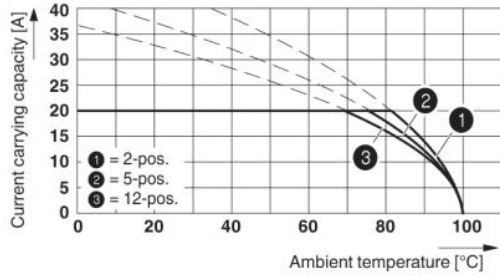
Item	Designation	Description
<b>General</b>		
1837227	KGG-PC 4/ 3	Cable housing, Pitch: 7.62 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green
1837324	KGG-PC 4/ 3-F	Cable housing, Pitch: 7.62 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green
1837256	KGS-PC 4/ 6	Cable housing, Pitch: 7.62 mm, Number of positions: 6, Dimension a: 47.52 mm, Color: green
1837353	KGS-PC 4/ 6-F	Cable housing, Pitch: 7.62 mm, Number of positions: 6, Dimension a: 47.52 mm, Color: green
<b>Marking</b>		
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
<b>Plug/Adapter</b>		
1600027	CP-HCC 4	Coding profile, Color: red
<b>Tools</b>		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

**Additional products**

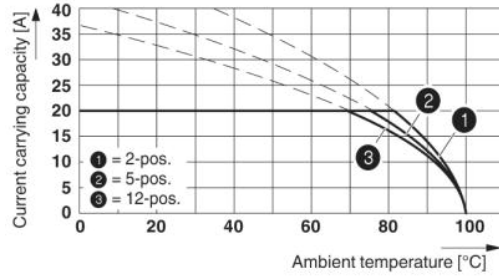
Item	Designation	Description
<b>General</b>		
1849998	PCVK 4-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 500 V, Pitch: 7.62 mm, Number of positions: 1, Width: 7.62 mm, Connection type: Screw connection, Color: green
1876246	PCVK 4-7,62-PE	Plug component, Nom. voltage: 500 V, Pitch: 7.62 mm, Number of positions: 1, Width: 7.62 mm, Connection type: Screw connection, Color: green-yellow
1838381	UPCV3K 4-G-7,62	Header, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 1, Width: 7.62 mm, Connection type: Screw connection, Color: gray

**Diagrams/Drawings**

Diagram

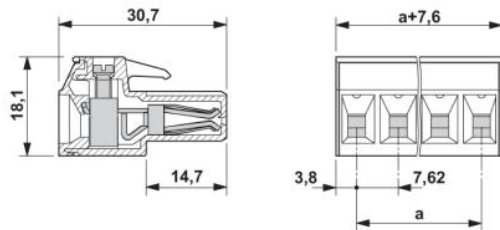


Derating curve for: PC 4/...-ST-7,62 with PC 4/...-G-7,62



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

Dimensioned drawing



**Address**

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 00  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



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