

## PC 4/ 8-ST-7,62

Order No.: 1804962

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1804962>

Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch:  
7.62 mm, Number of positions: 8, Connection type: Screw connection,  
Color: green

### Commercial data

EAN	4017918046408
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.03433 KG
Catalog page information	Page 366 (CC-2009)

### Product notes

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

[http://  
www.download.phoenixcontact.com](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  
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Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

Pitch	7.62 mm
Dimension a	53.34 mm
Number of positions	8
Screw thread	M3

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 $U_N$	300 V
Nominal current $I_N$	20 A
AWG/kcmil	28-10

#### CUL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	5 A
AWG/kcmil	30-10

#### UL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	5 A
AWG/kcmil	30-10

**Accessories**

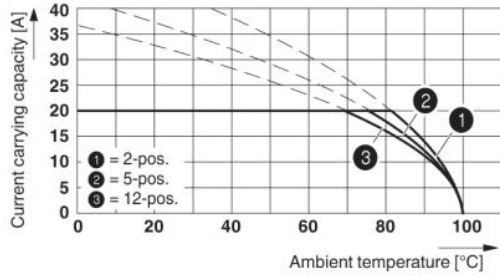
Item	Designation	Description
<b>General</b>		
1837227	KGG-PC 4/ 3	Cable housing, Pitch: 7.62 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green
1837324	KGG-PC 4/ 3-F	Cable housing, Pitch: 7.62 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green
1837256	KGS-PC 4/ 6	Cable housing, 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**

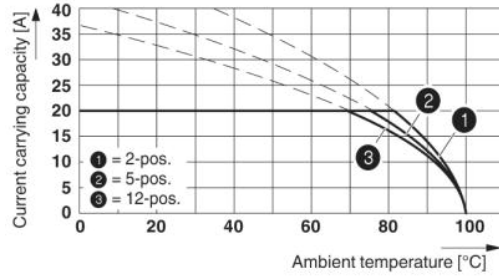
Item	Designation	Description
<b>General</b>		
1849998	PCVK 4-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 500 V, Pitch: 7.62 mm, Number of positions: 1, Width: 7.62 mm, Connection type: Screw connection, Color: green
1876246	PCVK 4-7,62-PE	Plug component, Nom. voltage: 500 V, Pitch: 7.62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

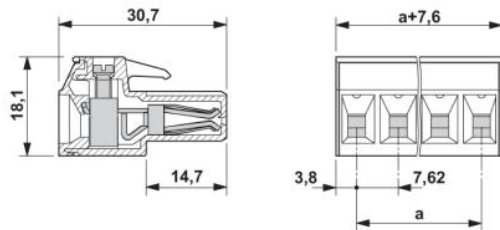


Derating curve for: PC 4/...-ST-7,62 with PC 4/...-G-7,62



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

Dimensioned drawing



**Address**

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