

## PC 4/ 6-ST-7,62

Order No.: 1804946

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1804946>Plug component, nominal current: 20 A, rated voltage: 400 V, pitch:  
7.62 mm, no. of positions: 6, type of connection: Screw connection

Commercial data	
EAN	4017918046385
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.02534 KG
Catalog page information	Page 322 (CC-2007)

**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	
Height	18.1 mm
Pitch	7.62 mm
Dimension a	38.1 mm
Number of positions	6
Screw thread	M 3

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Tightening torque, min	0.5 Nm
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**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

Approval logo



#### 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

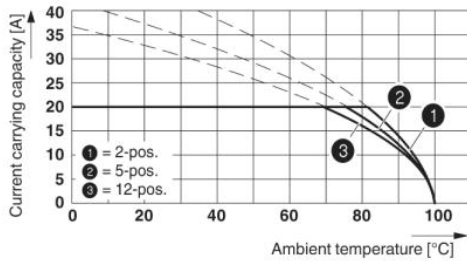
Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	20 A
AWG/kcmil	30-10
Certification	BV, CSA, CUL, GOST, RS, UL

### Additional products

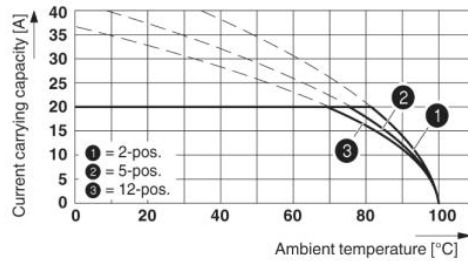
Item	Designation	Description
<b>General</b>		
1849998	PCVK 4-7,62	Modular terminal blocks with plug entry, cross section: 0.2 - 4 mm <sup>2</sup> , AWG: 30 - 10, width: 7.6 mm, color: green
1876246	PCVK 4-7,62-PE	Modular terminal blocks with plug entry, cross section: 0.2 - 4 mm <sup>2</sup> , width: 7.6 mm, color: green-yellow
1838381	UPCV3K 4-G-7,62	Modular terminal blocks with POWER-COMBICON plug entries, cross section: 0.2 - 4 mm, AWG: 30 - 10, width: 7.6 mm, color: gray

### 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

