

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

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 ²
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 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

Certificates / Approvals

Approval logo



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	20 A
AWG/kcmil	30-10

UL

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

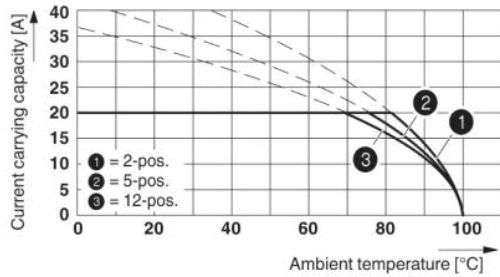
Accessories		
Item	Designation	Description
General		
1837227	KGG-PC 4/ 3	Cable housing, for cable diameters of 4 -8 mm, clamp, marker strips and transparent label carrier are included, color: green, no. of positions: 3
1837324	KGG-PC 4/ 3-F	Cable housing with screw flange, for cable diameters of 4 -8 mm, clamp, marker strips and transparent label carrier are included, color: green, no. of positions: 3
1837256	KGS-PC 4/ 6	Cable housing, for cable diameters of 6 - 16 mm, marker strips and transparent label carrier are included, color: green, no. of positions: 6
1837353	KGS-PC 4/ 6-F	Cable housing with screw flange, for cable diameters of 6 - 16 mm, marker strips and transparent label carrier are included, color: green, no. of positions: 6
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 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
0805153	SK 7,62/3,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white
0803906	SK U/3,8 WH:UNBEDRUCKT	Unprinted marker cards, DIN A4 format, pitch as desired, self-adhesive, with 40 stamped marker strips, 185 mm strip length, can be labeled with the CMS system or manually with the M-PEN
Plug/Adapter		
1600027	CP-HCC 4	Coding profile, is inserted into the slot on the plug and header, red insulating material
Tools		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

Additional products

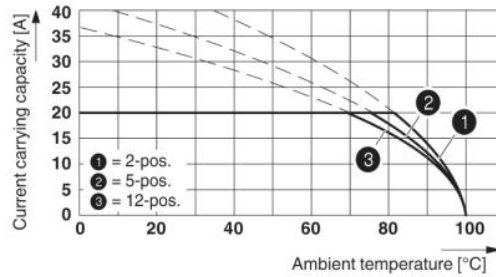
Item	Designation	Description
General		
1849998	PCVK 4-7,62	Modular terminal blocks with plug entry, cross section: 0.2 - 4 mm ² , AWG: 30 - 10, width: 7.6 mm, color: green
1876246	PCVK 4-7,62-PE	Modular terminal blocks with plug entry, cross section: 0.2 - 4 mm ² , width: 7.6 mm, color: green-yellow
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

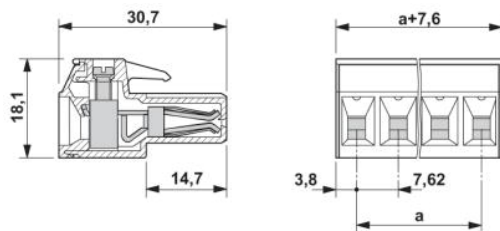


Derating curve for: PC 4/...-ST-7,62 with PC 4/...-G-7,62



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

Dimensioned drawing



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