

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](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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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

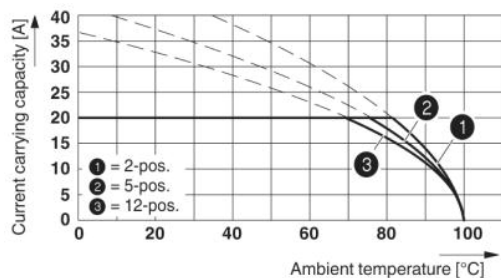
Item	Designation	Description
General		
1837227	KGG-PC 4/ 3	Cable housing, for cable diameters of 4 -8 mm, clamp, marker strips and transparent label carrier are included, color: green, no. of positions: 3
1837324	KGG-PC 4/ 3-F	Cable housing with screw flange, for cable diameters of 4 -8 mm, clamp, marker 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

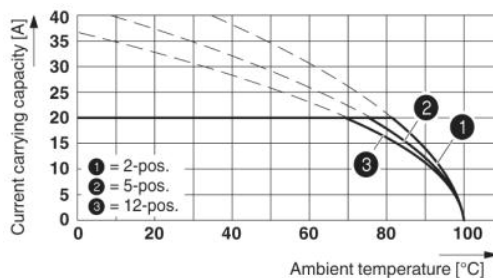
Item	Designation	Description
General		
1849998	PCVK 4-7,62	Modular terminal blocks with plug entry, cross section: 0.2 - 4 mm ² , AWG: 30 - 10, width: 7.6 mm, color: green
1876246	PCVK 4-7,62-PE	Modular terminal blocks with plug entry, cross section: 0.2 - 4 mm ² , width: 7.6 mm, color: green-yellow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

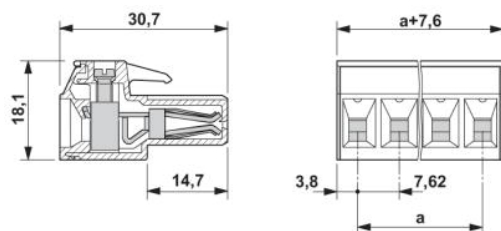


Derating curve for: PC 4/...-ST-7,62 with PC 4/...-G-7,62



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

Dimensioned drawing



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