Extract from the online catalog

PC 4/ 4-ST-7,62

Order No.: 1804920

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



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1804920

Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 4, type of connection: Screw connection

Commercial data	
EAN	4017918046361
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.017117 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

Pitch	7.62 mm
Dimension a	22.86 mm
Number of positions	4
Screw thread	M 3
Tightening torque, min	0.5 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^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

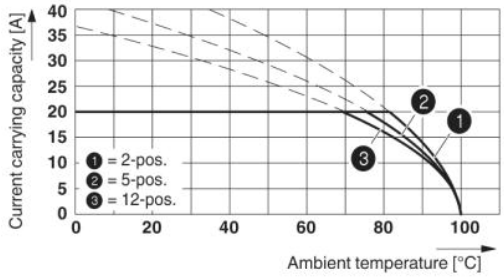
Item	Designation	Description
General		
1837227	KGG-PC 4/ 3	Cable housing, for cable diameters of 4 -8 mm, clamp, marker strips and transparent label carrier are included, color: green, no. of positions: 3
1837324	KGG-PC 4/ 3-F	Cable housing with screw flange, for cable diameters of 4 -8 mm, clamp, marker 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		
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
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 mm² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

Additional products

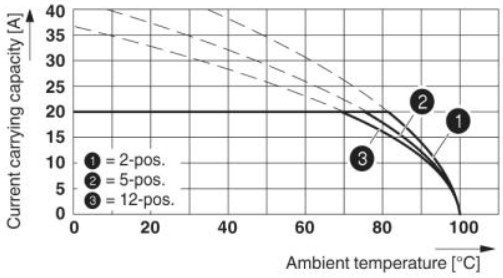
Item	Designation	Description
General		
1849998	PCVK 4-7,62	Modular terminal blocks with plug entry, cross section: 0.2 - 4 mm², AWG: 30 - 10, width: 7.6 mm, color: green
1876246	PCVK 4-7,62-PE	Modular terminal blocks with plug entry, cross section: 0.2 - 4 mm², width: 7.6 mm, color: green-yellow
1838381	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

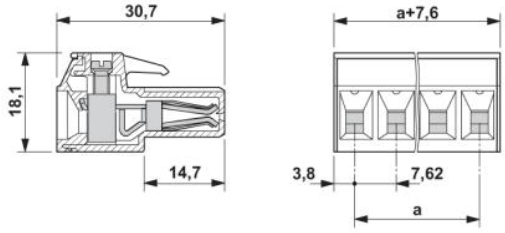


Derating curve for: PC 4/..-ST-7,62 with PC 4/..-G-7,62



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

Dimensioned drawing



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