

PC 4/10-ST-7,62

Order No.: 1804988

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

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1804988>

Plug component, Nominal current: 20 A, Nom. voltage: 400 V,
Pitch: 7.62 mm, Number of positions: 10, Connection type: Screw
connection, Color: green

Commercial data	
EAN	4017918046422
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.0423 KG
Catalog page information	Page 366 (CC-2009)

Product notesWEEE/RoHS-compliant since:
09/08/2005

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Technical data	
Dimensions / positions	
Pitch	7.62 mm
Dimension a	68.58 mm
Number of positions	10
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 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



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

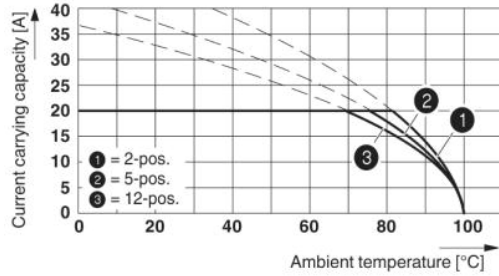
Item	Designation	Description
General		
1837227	KGG-PC 4/ 3	Cable housing, Pitch: 7.62 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green
1837324	KGG-PC 4/ 3-F	Cable housing, Pitch: 7.62 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green
1837256	KGS-PC 4/ 6	Cable housing, Pitch: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

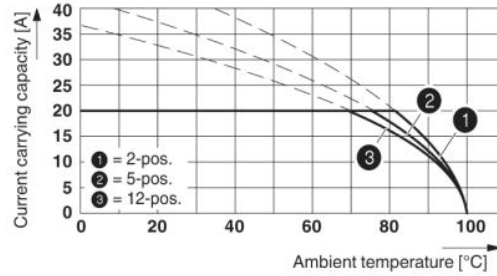
Item	Designation	Description
General		
1849998	PCVK 4-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 500 V, Pitch: 7.62 mm, Number of positions: 1, Width: 7.62 mm, Connection type: Screw connection, Color: green
1876246	PCVK 4-7,62-PE	Plug component, Nom. voltage: 500 V, Pitch: 7.62 mm, Number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

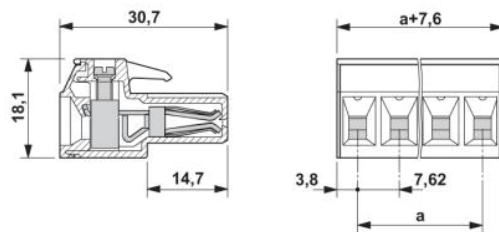


Derating curve for: PC 4/...-ST-7,62 with PC 4/...-G-7,62



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

Dimensioned drawing



Address

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