

PC 4/ 7-ST-7,62

Order No.: 1804959

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1804959>

Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch:
7.62 mm, Number of positions: 7, Connection type: Screw connection,
Color: green

Commercial data

EAN	4017918046392
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.0294 KG
Catalog page information	Page 366 (CC-2009)

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
General Terms and Conditions of
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Technical data

Dimensions / positions

Height	18.1 mm
Pitch	7.62 mm
Dimension a	45.72 mm
Number of positions	7

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

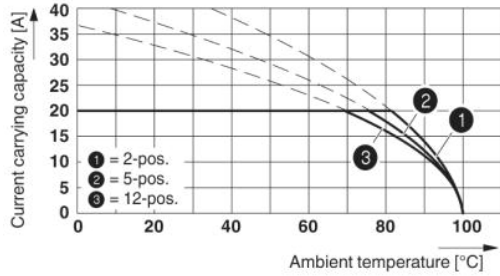
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	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

Accessories

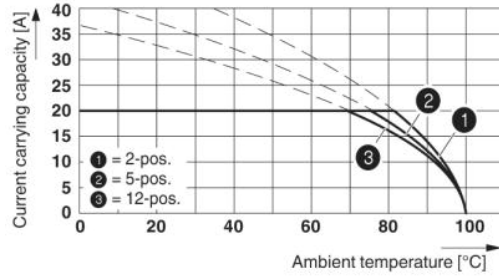
Item	Designation	Description
General		
1837227	KGG-PC 4/ 3	Cable housing for PCB connectors, Pitch: 7.62 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green
1837324	KGG-PC 4/ 3-F	Cable housing for PCB connectors, Pitch: 7.62 mm, Number of positions: 3, Dimension a: 24.66 mm, Color: green
1837256	KGS-PC 4/ 6	Cable housing for PCB connectors, Pitch: 7.62 mm, Number of positions: 6, Dimension a: 47.52 mm, Color: green
1837353	KGS-PC 4/ 6-F	Cable housing for PCB connectors, 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	Keying profile for contact inserts, 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

Drawings

Diagram

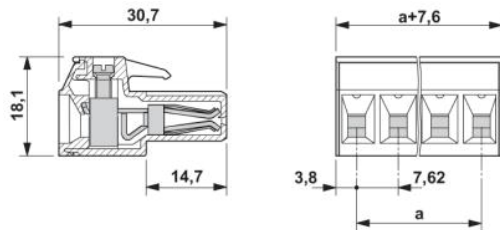


Derating curve for: PC 4/...-ST-7,62 with PC 4/...-G-7,62



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

Dimensioned drawing



Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



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