

PC 4 HV/ 6-STF-7,62


Order No.: 1880119

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1880119>

Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V,
Number of positions: 6, Pitch: 7.62 mm, Connection method: Screw
connection, Color: green, Contact surface: Tin

Commercial data

GTIN (EAN)	 4 017918 325671
Note	Made-to-order
sales group	E512
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 369 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
02/11/2005



[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
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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	19.7 mm
Pitch	7.62 mm
Dimension a	38.1 mm
Number of positions	6

Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

Range of articles	PC 4 HV/...STF
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	20 A
Nominal voltage U_N	800 V
Nominal cross section	4 mm ²
Maximum load current	20 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	20 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	20 A

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
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	10

Certificates / Approvals



Certification

CSA, CUL, GOST, UL

Accessories

Item	Designation	Description
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, 12 identical sets labeled 1 - 10, 11 - 20, and so on up to 91 - 99, enough to label 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 B-STIFT or X-PEN
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Plug/Adapter

1600027	CP-HCC 4	Coding profile, Color: red
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Tools

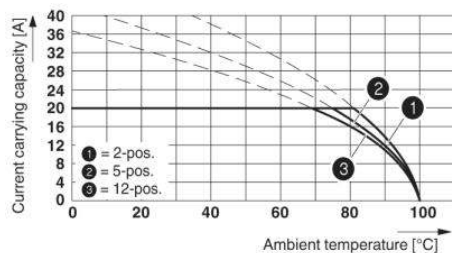
1205053	SZS 0,6X3,5	Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip
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Additional products

Item	Designation	Description
General		
1849998	PCVK 4-7,62	Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 1, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin
1876246	PCVK 4-7,62-PE	Plug component, Rated voltage (III/2): 630 V, Number of positions: 1, Pitch: 7.62 mm, Connection method: Screw connection, Color: Green-yellow
1838381	UPCV3K 4-G-7,62	Header, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 1, Pitch: 7.62 mm, The article can be aligned to create different nos. of positions! Mounting flange: Accessory Order No. 1881202

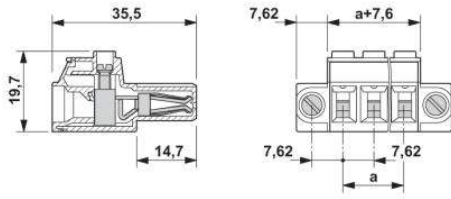
Diagrams/Drawings

Diagram



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

Dimensioned drawing



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