

PC 4 HV/ 2-ST-7,62

Order No.: 1848892

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1848892>

Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch:
7.62 mm, Number of positions: 2, Connection type: Screw connection,
Color: green

Commercial data

EAN	4017918121525
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.00964 KG
Catalog page information	Page 368 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
09/08/2005



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Technical data

Dimensions / positions

Height	19.7 mm
Pitch	7.62 mm
Dimension a	7.62 mm
Number of positions	2

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)	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 acc. to UL 94	V0
Internal cylindrical gage	A4
Stripping length	10 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

CSA, CUL, GOST, UL

CSA

Nominal voltage U_N	600 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

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, 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, Color: red
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Tools

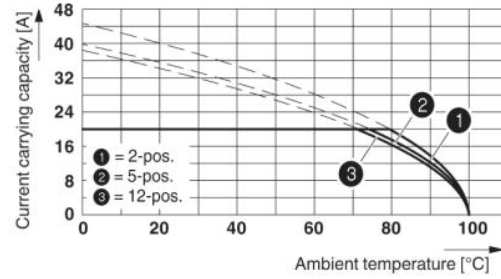
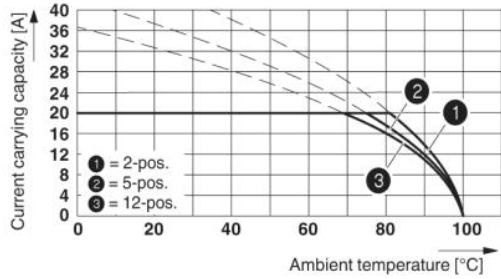
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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Additional products

Item	Designation	Description
General		
1804687	PCV 4/ 2-G-7,62	Header, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 2, Color: green, Assembly: Soldering
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

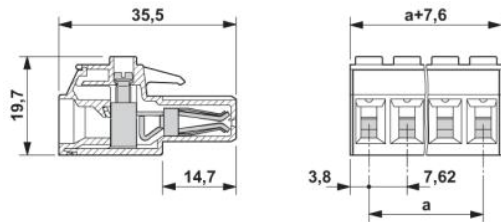
Diagram



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

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

Dimensioned drawing



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