



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## PCVK 4-7,62

Order No.: 1849998



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1849998>

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

Commercial data	
EAN	4017918110260
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.00615 KG
Catalog page information	Page 375 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<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	
<b>General</b>	
Color	green
Insulating material	PA
Inflammability class acc. to UL 94	V0

## Certificates / Approvals



Certification CSA, CUL, GOST, 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
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### Assembly

3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray
1401637	E/MBK	End bracket, width: 6.2 mm, color: gray
1401682	NS 15 PERF 2000MM	DIN rail, material: steel, perforated, height 5.5 mm, width 15 mm, length: 2 m
1401695	NS 15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m

1201798	NS 35/15-2,3 UNPERF 2000MM	DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m
<b>General</b>		
1850000	PCVK 4-7,62-F	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
<b>Marking</b>		
1054233	ZB 7,62,LGS:FORTL.ZAHLEN	Zack strip, 10-section, printed horizontally: with the numbers, 1-10, 11-20 etc. up to 991-1000, color: white
1050509	ZB 7,62:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements
1054000	ZB 7,62:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks, for a terminal width of 7.62 mm, color: White
<b>Plug/Adapter</b>		
1600027	CP-HCC 4	Coding profile, Color: red
<b>Tools</b>		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

**Additional products**

Item	Designation	Description
<b>General</b>		
1848892	PC 4 HV/ 2-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1882379	PC 4 HV/ 2-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1848902	PC 4 HV/ 3-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1882382	PC 4 HV/ 3-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1848915	PC 4 HV/ 4-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 4, Connection type: Screw connection, Color: green

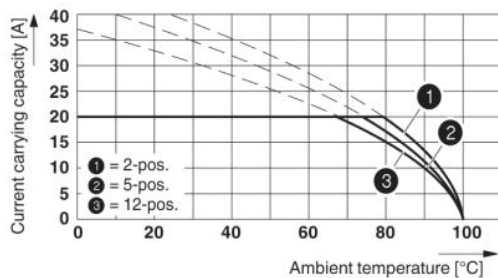
1882395	PC 4 HV/ 4-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 4, Connection type: Screw connection, Color: green
1880106	PC 4 HV/ 5-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 5, Connection type: Screw connection, Color: green
1880119	PC 4 HV/ 6-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 6, Connection type: Screw connection, Color: green
1880122	PC 4 HV/ 7-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 7, Connection type: Screw connection, Color: green
1880135	PC 4 HV/ 8-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 8, Connection type: Screw connection, Color: green
1880148	PC 4 HV/ 9-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 9, Connection type: Screw connection, Color: green
1880151	PC 4 HV/10-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 10, Connection type: Screw connection, Color: green
1880164	PC 4 HV/11-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 11, Connection type: Screw connection, Color: green
1880177	PC 4 HV/12-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 800 V, Pitch: 7.62 mm, Number of positions: 12, Connection type: Screw connection, Color: green
1804904	PC 4/ 2-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1828249	PC 4/ 2-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1804917	PC 4/ 3-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1828252	PC 4/ 3-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1804920	PC 4/ 4-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 4, Connection type: Screw connection, Color: green
1828265	PC 4/ 4-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 4, Connection type: Screw connection, Color: green
1804933	PC 4/ 5-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 5, Connection type: Screw connection, Color: green

1828278	PC 4/ 5-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 5, Connection type: Screw connection, Color: green
1804946	PC 4/ 6-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 6, Connection type: Screw connection, Color: green
1828281	PC 4/ 6-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 6, Connection type: Screw connection, Color: green
1804959	PC 4/ 7-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 7, Connection type: Screw connection, Color: green
1828294	PC 4/ 7-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 7, Connection type: Screw connection, Color: green
1804962	PC 4/ 8-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 8, Connection type: Screw connection, Color: green
1828304	PC 4/ 8-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 8, Connection type: Screw connection, Color: green
1804975	PC 4/ 9-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 9, Connection type: Screw connection, Color: green
1828317	PC 4/ 9-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 9, Connection type: Screw connection, Color: green
1804988	PC 4/10-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 10, Connection type: Screw connection, Color: green
1828320	PC 4/10-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 10, Connection type: Screw connection, Color: green
1804991	PC 4/11-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 11, Connection type: Screw connection, Color: green
1828333	PC 4/11-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 11, Connection type: Screw connection, Color: green
1805000	PC 4/12-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 12, Connection type: Screw connection, Color: green
1827583	PC 4/12-STF-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 12, Connection type: Screw connection, Color: green
1840191	PCC 4/ 2-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 2, Connection type: Crimp connection, Color: green

1840188	PCC 4/ 3-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 3, Connection type: Crimp connection, Color: green
1840175	PCC 4/ 4-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 4, Connection type: Crimp connection, Color: green
1840162	PCC 4/ 5-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 5, Connection type: Crimp connection, Color: green
1840159	PCC 4/ 6-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 6, Connection type: Crimp connection, Color: green
1840146	PCC 4/ 7-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 7, Connection type: Crimp connection, Color: green
1840133	PCC 4/ 8-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 8, Connection type: Crimp connection, Color: green
1840120	PCC 4/ 9-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 9, Connection type: Crimp connection, Color: green
1840117	PCC 4/10-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 10, Connection type: Crimp connection, Color: green
1840104	PCC 4/11-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 11, Connection type: Crimp connection, Color: green
1840094	PCC 4/12-ST-7,62	Plug component, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 12, Connection type: Crimp connection, Color: green

## Diagrams/Drawings

### Diagram



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

DIN EN 61984 (VDE 0627):2002-09

Thermal test group C

Derating curve, representation based on DIN EN

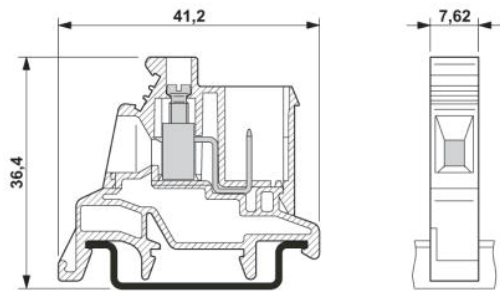
60512-5-2:2003-01 connected conductor cross section = 4 mm<sup>2</sup>

Reduction factor = 0.8

No. of positions: See diagram

Dimensioned drawing

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