

PCVK 4-7,62

Order No.: 1849998

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

Modular terminal blocks with plug entry, cross section: 0.2 - 4 mm²,
AWG: 30 - 10, width: 7.6 mm, color: green

Commercial data

EAN	4017918110260
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.00615 KG
Catalog page information	Page 331 (CC-2007)

Product notes

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



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Technical data

General

Color	green
Insulating material	PA
Inflammability class acc. to UL 94	V0

Certificates / Approvals

Approval logo



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	20 A
AWG/kcmil	30-10

UL

Nominal voltage U_N	600 V
Nominal current I_N	20 A
AWG/kcmil	30-10
Certification	CSA, CUL, GOST, UL

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 mounting 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

General

1850000	PCVK 4-7,62-F	Flange cover, fitted on the left and right of PCVK 4-7.62 for reliable screw connection of plugs with screw flanges, pitch: 7.62 mm, color: Green
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Marking

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

Plug/Adapter

1600027	CP-HCC 4	Coding profile, is inserted into the slot on the plug and header, red insulating material
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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		
1848892	PC 4 HV/ 2-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 2, type of connection: Screw connection
1882379	PC 4 HV/ 2-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 2, type of connection: Screw connection
1848902	PC 4 HV/ 3-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 3, type of connection: Screw connection
1882382	PC 4 HV/ 3-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 3, type of connection: Screw connection

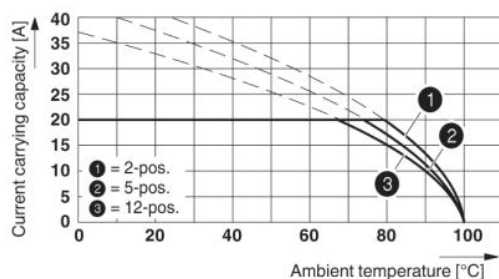
1848915	PC 4 HV/ 4-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 4, type of connection: Screw connection
1882395	PC 4 HV/ 4-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 4, type of connection: Screw connection
1880106	PC 4 HV/ 5-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 5, type of connection: Screw connection
1880119	PC 4 HV/ 6-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 6, type of connection: Screw connection
1880122	PC 4 HV/ 7-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 7, type of connection: Screw connection
1880135	PC 4 HV/ 8-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 8, type of connection: Screw connection
1880148	PC 4 HV/ 9-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 9, type of connection: Screw connection
1880151	PC 4 HV/10-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 10, type of connection: Screw connection
1880164	PC 4 HV/11-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 11, type of connection: Screw connection
1880177	PC 4 HV/12-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 12, type of connection: Screw connection
1804904	PC 4/ 2-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 2, type of connection: Screw connection
1828249	PC 4/ 2-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 2, type of connection: Screw connection
1804917	PC 4/ 3-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 3, type of connection: Screw connection
1828252	PC 4/ 3-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 3, type of connection: Screw connection
1804920	PC 4/ 4-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 4, type of connection: Screw connection
1828265	PC 4/ 4-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 4, type of connection: Screw connection

1804933	PC 4/ 5-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 5, type of connection: Screw connection
1828278	PC 4/ 5-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 5, type of connection: Screw connection
1804946	PC 4/ 6-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 6, type of connection: Screw connection
1828281	PC 4/ 6-STF-7,62	Plug with screw flange, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 6, type of connection: Screw connection
1804959	PC 4/ 7-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 7, type of connection: Screw connection
1828294	PC 4/ 7-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 7, type of connection: Screw connection
1804962	PC 4/ 8-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 8, type of connection: Screw connection
1828304	PC 4/ 8-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 8, type of connection: Screw connection
1804975	PC 4/ 9-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 9, type of connection: Screw connection
1828317	PC 4/ 9-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 9, type of connection: Screw connection
1804988	PC 4/10-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 10, type of connection: Screw connection
1828320	PC 4/10-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 10, type of connection: Screw connection
1804991	PC 4/11-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 11, type of connection: Screw connection
1828333	PC 4/11-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 11, type of connection: Screw connection
1805000	PC 4/12-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 12, type of connection: Screw connection
1827583	PC 4/12-STF-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 12, type of connection: Screw connection

1840191	PCC 4/ 2-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 2, type of connection: Crimp connection
1840188	PCC 4/ 3-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 3, type of connection: Crimp connection
1840175	PCC 4/ 4-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 4, type of connection: Crimp connection
1840162	PCC 4/ 5-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 5, type of connection: Crimp connection
1840159	PCC 4/ 6-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 6, type of connection: Crimp connection
1840146	PCC 4/ 7-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 7, type of connection: Crimp connection
1840133	PCC 4/ 8-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 8, type of connection: Crimp connection
1840120	PCC 4/ 9-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 9, type of connection: Crimp connection
1840117	PCC 4/10-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 10, type of connection: Crimp connection
1840104	PCC 4/11-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 11, type of connection: Crimp connection
1840094	PCC 4/12-ST-7,62	Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 12, type of connection: Crimp connection

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

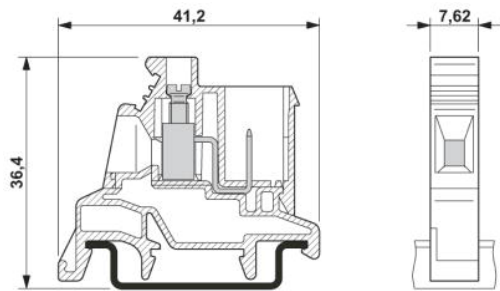
Derating curve, representation based on DIN EN

60512-5-2:2003-01 connected conductor cross section = 4 mm²

Reduction factor = 0.8

No. of positions: See diagram

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.de>



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