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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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Plug - PCVK 4-7,62-PE - 1876246

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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-yellow

Why buy this product

- Can be plugged into PC 4 and PC 5 plugs
- Vibration-resistant connection with flange terminal blocks that can be aligned (-F)
- For mounting on NS 35/... and NS 15... DIN rails according to EN 60715 - or for the UPCV3K 4-G-7,62 - for mounting on NS 35/... or NS 32 DIN rails
- UPCV3K provides three plug outlets per terminal point



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 427 (CC-2011)
GTIN	 4 017918 134075
Custom tariff number	85369010
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	42.4 mm
Width	7.62 mm
Pitch	7.62 mm
Dimension a	0 mm
Number of positions	1
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

Range of articles	PCVK 4
Insulating material group	I

Plug - PCVK 4-7,62-PE - 1876246

Technical data

Technical data

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 IN	20 A
Nominal voltage UN	500 V
Nominal cross section	0 mm ²
Insulating material	PA
Inflammability class according to UL 94	V0
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	12
2 conductors with same cross section, solid min.	0.25 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.25 mm ²
2 conductors with same cross section, stranded max.	2.5 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

Classifications

eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701

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Classifications

eclass

eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

unspsc

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals


Approvals

CSA / GOST / GOST

Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	C
mm ² /AWG/kcmil	28-10	28-10
Nominal current I _N	20 A	20 A

GOST 		
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Plug - PCVK 4-7,62-PE - 1876246

Approvals



Accessories

Accessories

Assembly

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

Plug - PCVK 4-7,62-PE - 1876246

Accessories

DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

Tools

Screwdriver - SZS 0,6X3,5 - 1205053



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

Additional products

Plug - PCVK 4-7,62-PE - 1876246

Accessories

Printed-circuit board connector - PC 4 HV/ 2-STF-7,62 - 1882379



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

Printed-circuit board connector - PC 4 HV/ 3-STF-7,62 - 1882382



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4 HV/ 4-STF-7,62 - 1882395



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4 HV/ 5-STF-7,62 - 1880106



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4 HV/ 6-STF-7,62 - 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

Printed-circuit board connector - PC 4 HV/ 7-STF-7,62 - 1880122



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Plug - PCVK 4-7,62-PE - 1876246

Accessories

Printed-circuit board connector - PC 4 HV/ 8-STF-7,62 - 1880135



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4 HV/ 9-STF-7,62 - 1880148



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 9, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4 HV/10-STF-7,62 - 1880151



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 10, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4 HV/11-STF-7,62 - 1880164



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 11, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4 HV/12-STF-7,62 - 1880177



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Plug - PCVK 4-7,62-PE - 1876246

Accessories

Printed-circuit board connector - PC 4/ 9-ST-7,62 - 1804975



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 9, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/10-ST-7,62 - 1804988



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 10, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/11-ST-7,62 - 1804991



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Plug - PC 4/12-ST-7,62 - 1805000



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 2-STF-7,62 - 1828249



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 2, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 3-STF-7,62 - 1828252



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Plug - PCVK 4-7,62-PE - 1876246

Accessories

Printed-circuit board connector - PC 4/ 4-STF-7,62 - 1828265



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 4, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 5-STF-7,62 - 1828278



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 6-STF-7,62 - 1828281



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 7-STF-7,62 - 1828294



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 8-STF-7,62 - 1828304



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 8, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Plug - PCVK 4-7,62-PE - 1876246

Accessories

Printed-circuit board connector - PC 4/ 9-STF-7,62 - 1828317



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 9, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/10-STF-7,62 - 1828320



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 10, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/11-STF-7,62 - 1828333



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/12-STF-7,62 - 1827583



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4 HV/ 2-ST-7,62 - 1848892



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

Printed-circuit board connector - PC 4 HV/ 3-ST-7,62 - 1848902



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Plug - PCVK 4-7,62-PE - 1876246

Accessories

Plug - PC 4 HV/ 4-ST-7,62 - 1848915



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PCC 4/ 2-ST-7,62 - 1840191



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PCC 4/ 3-ST-7,62 - 1840188



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PCC 4/ 4-ST-7,62 - 1840175



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PCC 4/ 5-ST-7,62 - 1840162



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Plug - PCVK 4-7,62-PE - 1876246

Accessories

Printed-circuit board connector - PCC 4/ 6-ST-7,62 - 1840159



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PCC 4/ 7-ST-7,62 - 1840146



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PCC 4/ 8-ST-7,62 - 1840133



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PCC 4/ 9-ST-7,62 - 1840120



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 9, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PCC 4/10-ST-7,62 - 1840117



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 10, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Plug - PCVK 4-7,62-PE - 1876246

Accessories

Printed-circuit board connector - PCC 4/11-ST-7,62 - 1840104



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 11, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PCC 4/12-ST-7,62 - 1840094



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Printed-circuit board connector - PC 4/ 2-ST-7,62 - 1804904



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 2, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 3-ST-7,62 - 1804917



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 4-ST-7,62 - 1804920



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 4, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 5-ST-7,62 - 1804933



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Plug - PCVK 4-7,62-PE - 1876246

Accessories

Printed-circuit board connector - PC 4/ 6-ST-7,62 - 1804946



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 7-ST-7,62 - 1804959



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 8-ST-7,62 - 1804962



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 8, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Drawings

Dimensioned drawing

