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Plug-in block - PCVK 4-7,62 - 1849998

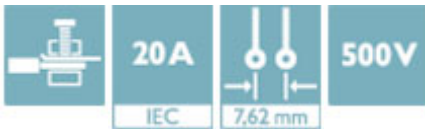
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Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 1, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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	50 STK
GTIN	

Technical data

Dimensions

Length	41.2 mm
Width	7.62 mm
Pitch	7.62 mm

General

Range of articles	PCVK 4
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V

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Technical data

General

Connection in acc. with standard	EN-VDE
Nominal current I_N	20 A
Nominal cross section	4 mm ²
Maximum load current	20 A (with 4 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	1
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG 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
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	10

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC000897

UNSPSC

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

Approvals

Approvals


Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

	B	C
	mm ² /AWG/kcmil	28-10

Plug-in block - PCVK 4-7,62 - 1849998

Approvals

	B	C
Nominal current I _N	20 A	20 A
Nominal voltage U _N	300 V	300 V

UL Recognized

	B	C	D
mm ² /AWG/kcmil	30-10	30-10	30-10
Nominal current I _N	20 A	20 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

cUL Recognized

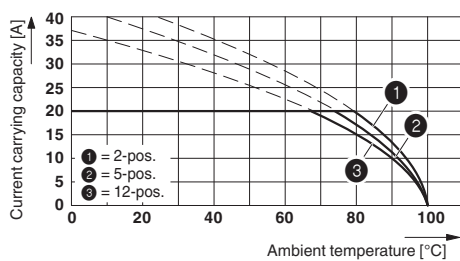
	B	C	D
mm ² /AWG/kcmil	30-10	30-10	30-10
Nominal current I _N	20 A	20 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

EAC

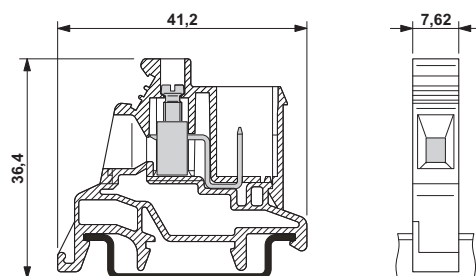
cULus Recognized

Drawings

Diagram



Dimensional drawing



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

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Product	Code	Reference	Product link
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	1849998	PCVK 4-7,62	Buy on EAN