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, Color: green, Contact surface: Tin

Product Features

- 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

package_quantity	50
GTIN	4017918110260

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
Connection in acc. with standard	EN-VDE
Nominal current I_N	20 A
Nominal cross section	4 mm²
Maximum load current	20 A (with 4 mm² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0

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Technical data

General

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 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	4 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.25 mm²
2 conductors with same cross section, solid max.	2.5 mm²
2 conductors with same cross section, stranded min.	0.25 mm²
2 conductors with same cross section, stranded max.	2.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	10

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

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classifications

eCl@ss

eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC001284

UNSPSC

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

approvals

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

Approval details

CSA

Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	28-10	28-10

UL Recognized

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm²/AWG/kcmil	30-10	30-10	30-10

cUL Recognized

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm²/AWG/kcmil	30-10	30-10	30-10

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approvals

GOST

cULus Recognized

accessories

Coding element

CP-HCC 4 - 1600027

Terminal marking

ZB 7,62:UNBEDRUCKT - 1054000

Labeled terminal marker

ZB 7,62,LGS:FORTL.ZAHLEN - 1054233

PCB plug

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accessories

PCVK 4-7,62-F - 1850000

Mounting rail

NS 15 UNPERF 2000MM - 1401695

NS 15 PERF 2000MM - 1401682

NS 35/15 CU UNPERF 2000MM - 1201895

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

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accessories

NS 35/15 AL UNPERF 2000MM - 1201756

NS 35/15 PERF 2000MM - 1201730

End block

CLIPFIX 35 - 3022218

E/MBK - 1401637

Screwdriver tools

SZS 0,6X3,5 - 1205053

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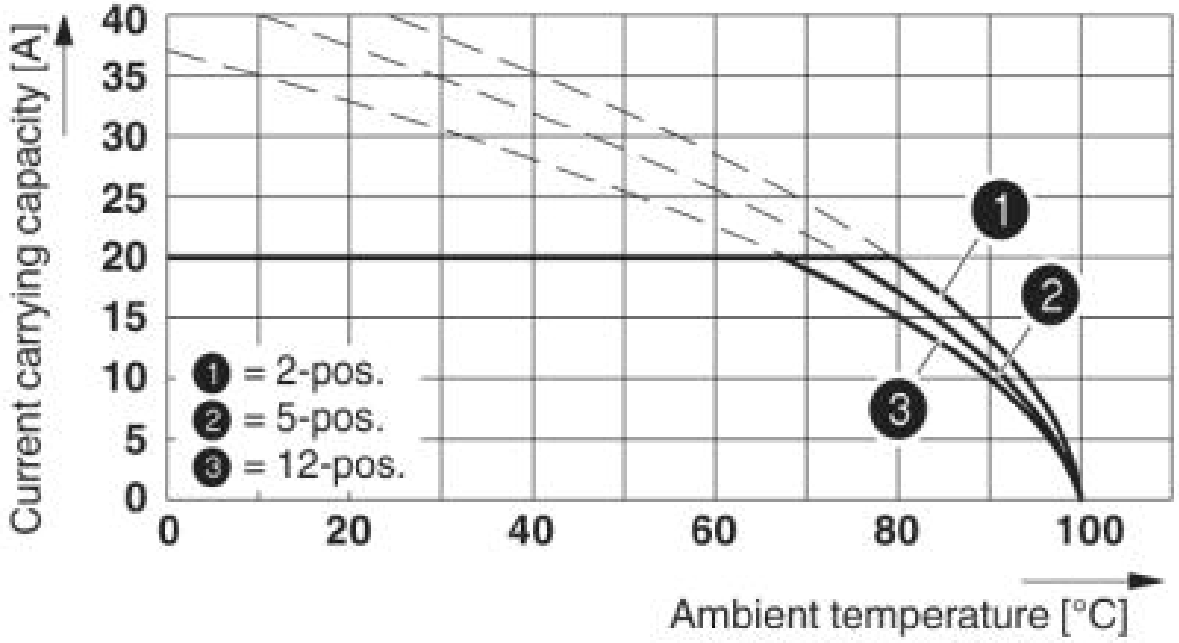
accessories

ZB 7,62:SO/CMS - 1050509

Drawings

Diagram



Derating curve for: PC 4/..-ST-7,62 with PCVK 4-7,62DIN EN 61984 (VDE 0627):2002-09Thermal test group CDerating curve, representation based on DIN EN 60512-5-2:2003-01 connected conductor cross section = 4 mm²Reduction factor = 0.8No. of positions: See diagram

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Dimensioned drawing