

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

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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



The figure shows a 5-pos. version of the product

Why buy this product

- ✓ Plugs can be keyed using CP-PC RD keying profiles
- ✓ High-capacity plugs with a current carrying capacity of 20 A
- ✓ Integrated double steel spring as extra safety against contact corrosion
- ✓ Vibration-resistant connection by means of screw flange (PC 4/...-STF-7,62)
- ✓ Screw connection up to 4 mm², stranded



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 419 (CC-2011)
GTIN	 4 017918 050559
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	7.62 mm
Dimension a	68.58 mm
Number of positions	10
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

Range of articles	PC 4/...-STF
Insulating material group	I

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Technical data

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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 I_N	20 A
Nominal voltage U_N	400 V
Nominal cross section	4 mm ²
Maximum load current	20 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	7 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	20 A
Nominal voltage, UL/CUL Use Group C	300 V
Nominal current, UL/CUL Use Group C	20 A
Nominal voltage, UL/CUL Use Group D	600 V
Nominal current, UL/CUL Use Group D	5 A

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	10
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 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

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Connection data

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

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

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

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

Approvals

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CSA / UL Recognized / cUL Recognized / GOST / LR / GL / DNV / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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

Approvals

CSA 		
	B	C
mm²/AWG/kcmil	28-10	28-10
Nominal current I _N	20 A	20 A
Nominal voltage U _N	300 V	300 V

UL Recognized 			
	B	C	D
mm²/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
mm²/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

GOST 	
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LR	
mm²/AWG/kcmil	4
Nominal current I _N	20 A
Nominal voltage U _N	400 V

GL	
mm²/AWG/kcmil	4
Nominal current I _N	20 A
Nominal voltage U _N	400 V

DNV	
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Approvals

cULus Recognized  US

Accessories

Accessories

Marking

Marker cards - SK 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, For terminal block width: 7.62 mm

Plug/Adapter

Coding profile - CP-HCC 4 - 1600027



Coding profile, Color: red

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

Feed-through terminal block - UPCV3K 4-G-7,62 - 1838381



Header, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 1, Pitch: 7.62 mm, The article can be aligned to create different nos. of positions! Mounting flange: Accessory Order No. 1881202

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Accessories

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



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

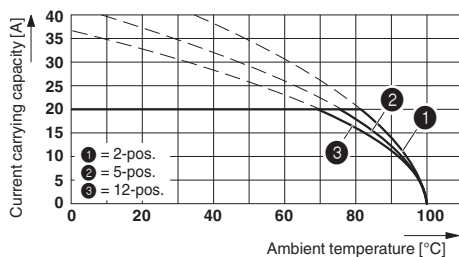
Plug-in block - PCVK 4-7,62 - 1849998



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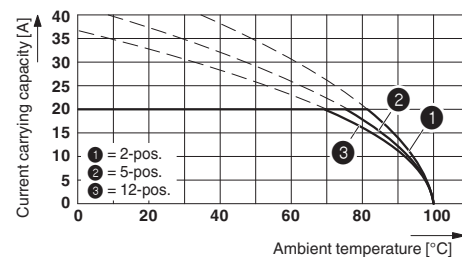
Drawings

Diagram



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

Diagram



Derating curve for: PC 4/..-ST-7,62 with PCV 4/..-G-7,62

Dimensioned drawing

