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

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

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

Product Features

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

Key commercial data

package_quantity	50
GTIN	4017918050542

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	60.96 mm

General

Range of articles	PC 4/..-STF
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)	400 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
Insulating material	PA
Inflammability class according to UL 94	V0

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Technical data

General

Internal cylindrical gage	A4
Stripping length	7 mm
Number of positions	9
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	10
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	2.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 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

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classifications

eCl@ss

eCl@ss 7.0	27440402
eCl@ss 8.0	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

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

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approvals

Usegroups	B	C	D
mm²/AWG/kcmil	30-10	30-10	30-10

GOST

LR	
Nominal voltage UN	400 V
Nominal current IN	20 A
mm²/AWG/kcmil	4

GL	
Nominal voltage UN	400 V
Nominal current IN	20 A
mm²/AWG/kcmil	4

DNV

cULus Recognized

accessories

Coding element

CP-PC RD - 1701967



Labeled terminal marker

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accessories

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



Screwdriver tools

SZS 0,6X3,5 - 1205053



Terminal marking

SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker pen

B-STIFT - 1051993



accessories

SK 7,62/3,8:SO - 0805153

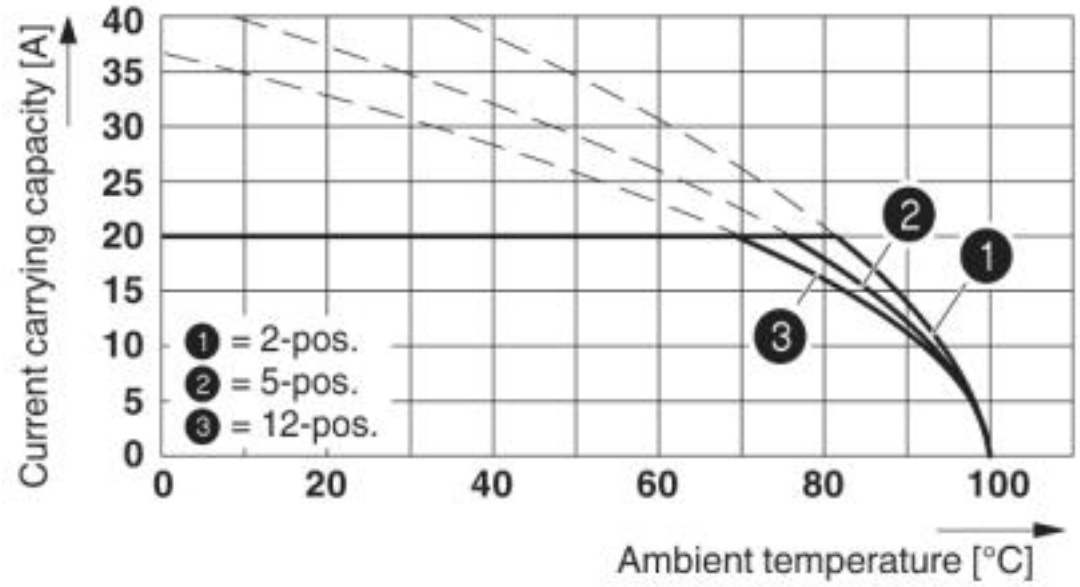


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accessories

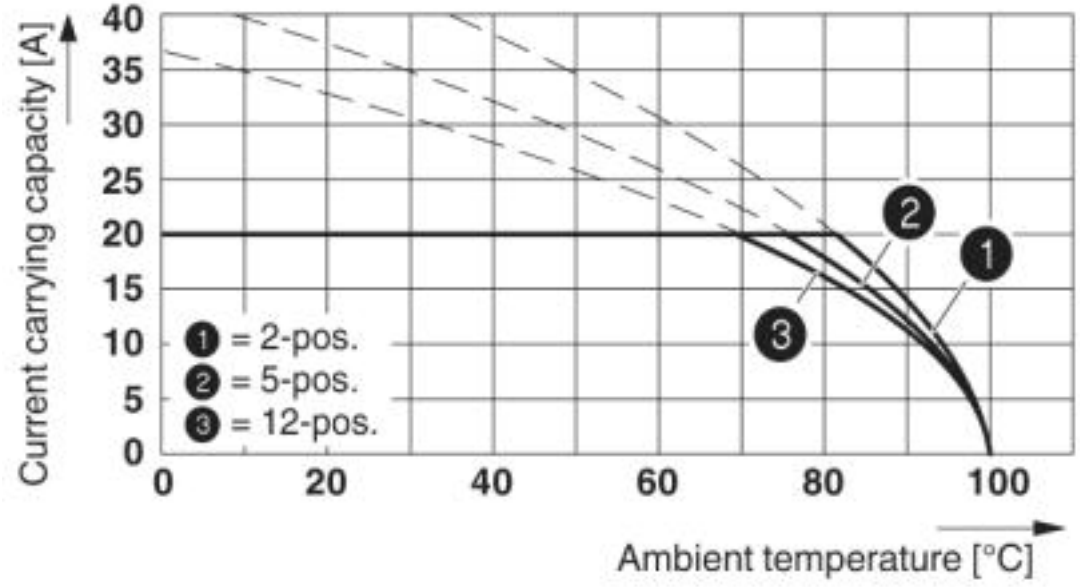
Drawings

Diagram



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

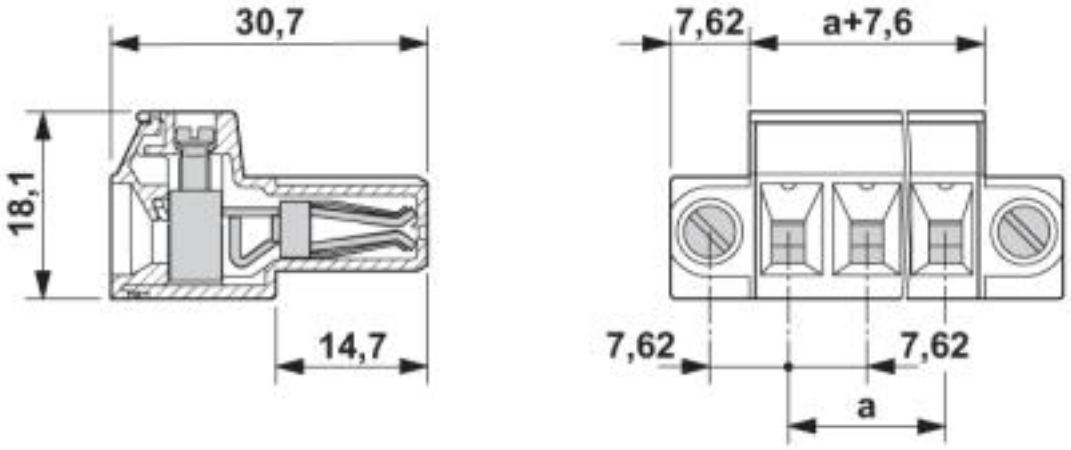
Diagram



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

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

Dimensioned drawing



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