

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

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The figure shows an 10-position version


PCB connector, 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

Why buy this product

- Inexpensive connection of large quantities of pre-assembled conductors
- Small component size for applications where space is at a premium



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 102272
GTIN	4017918102272

Technical data

Dimensions

Length [l]	28.7 mm
Width [w]	15.24 mm
Height [h]	17.2 mm
Pitch	7.62 mm
Dimension a	7.62 mm

General

Range of articles	PCC 4/..-ST
Type of contact	Female connector
Number of positions	2
Connection method	Crimp connection
Insulating material group	I
Rated surge voltage (III/3)	8 kV

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Technical data

General

Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	400 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	20 A
Nominal cross section	4 mm ²
Maximum load current	20 A
Insulating material	PA
Flammability rating according to UL 94	V0

Connection data

Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	14

Standards and Regulations

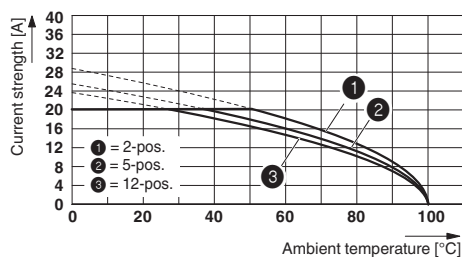
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

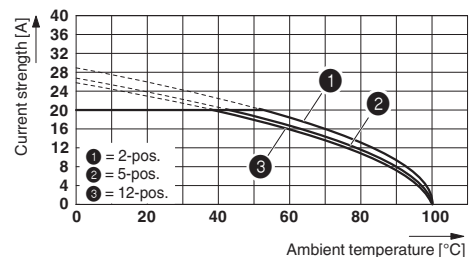
Drawings

Diagram



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

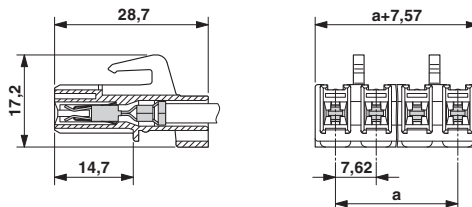
Diagram



Derating curve for: PCC 4/...-ST-7,62 with PCVK 4-7,62

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Dimensional drawing



Approvals

Approvals

Approvals

CSA / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm ² /AWG/kcmil	20-14	20-14	

EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19920722
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	10 A	10 A	
mm ² /AWG/kcmil	20-14	20-14	

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