

Printed-circuit board connector - MCC 1/ 3-STZ-3,81 - 1852189

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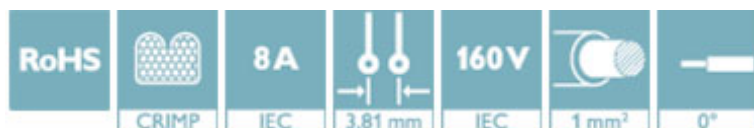
Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 3, pitch: 3.81 mm, connection method: Crimp connection, color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)



The figure shows a 10-position version of the product

Why buy this product

- ☒ Inexpensive connection of large quantities of pre-assembled conductors



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 109066
GTIN	4017918109066

Technical data

Dimensions

Length [l]	23.1 mm
Width [w]	12.22 mm
Height [h]	8.7 mm
Pitch	3.81 mm
Dimension a	7.62 mm

General

Range of articles	MCC 1/...-STZ
Type of contact	Female connector
Number of positions	3
Connection method	Crimp connection
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV

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Technical data

General

Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1 mm ²
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0

Connection data

Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	18
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	18

Standards and Regulations

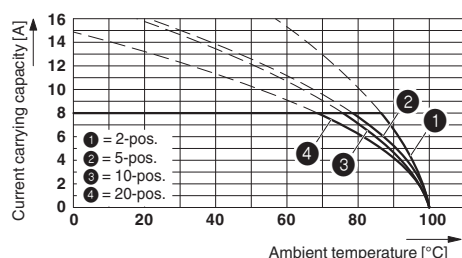
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

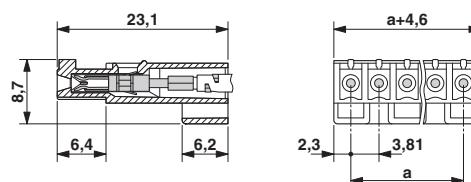
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram



Dimensional drawing



Type: MCC 1/...-ST-3,81 with MC 1,5/...-G-3,81; contact: MCC-MT 0,5 - 1,0

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Approvals

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cULus Recognized / EAC

Ex Approvals

Approval details

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110128
	B	D	
mm²/AWG/kcmil	24-22	24-22	
Nominal current I _N	5 A	5 A	
Nominal voltage U _N	300 V	300 V	

EAC		B.01742
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