

Printed-circuit board connector - MCC 1/16-STZF-3,81 - 1852503

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, 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)



Product Features

- ✓ Can be combined with MC 1,5 base strips and IMC 1,5 plugs
- ✓ Low design height of the MCC 1 plug range
- ✓ Two different crimp contacts can be used
- ✓ With snap-lock option for pull-out aid



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	5.66 GRM
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	57.15 mm

General

Range of articles	MCC 1/..-STZF
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V

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Technical data

General

Rated voltage (U/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
Inflammability class according to UL 94	V0
Number of positions	16

Connection data

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

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
eCl@ss 8.0	27440309

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

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Classifications

UNSPSC

UNSPSC 13.2	39121409
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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized		
	B	D
mm ² /AWG/kcmil	24-22	24-22
Nominal current I _N	5 A	5 A
Nominal voltage U _N	300 V	300 V

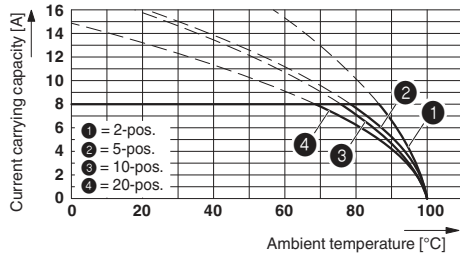
cUL Recognized		
	B	D
mm ² /AWG/kcmil	24-22	24-22
Nominal current I _N	5 A	5 A
Nominal voltage U _N	300 V	300 V

cULus Recognized		
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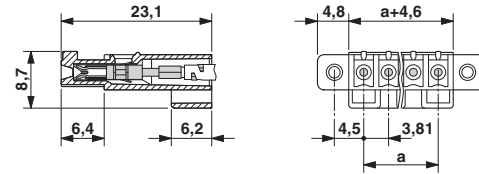
Drawings

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Diagram



Dimensioned drawing



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