

Printed-circuit board connector - MCC 1/ 2-STZ-3,81 - 1852176

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, 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 illustration shows a 16-position version

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

package_quantity	50
GTIN	4017918109059

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	3.81 mm

General

Range of articles	MCC 1/...-STZ
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
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	8 A
Nominal cross section	1 mm²
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Number of positions	2

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Technical data

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	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

UL Recognized / cUL Recognized / cULus Recognized /

Approval details

UL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	5 A	5 A
mm ² /AWG/kcmil	24-22	24-22

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approvals

cUL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	5 A	5 A
mm²/AWG/kcmil	24-22	24-22

cULus Recognized  US		
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accessories

Crimp contact

MCC-MT 0,2-0,35 - 1859988



MCC-MT 0,5-1,0 - 1859991



Crimping tool

CRIMPFOX-1,6-ER-1,50-GH - 1772793



Screwdriver tools

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accessories

SZS 0,4X2,5 VDE - 1205037



Labeled terminal marker

SK 3,81/2,8:FORTL.ZAHLEN - 0804109



accessories

STZ 2-PCC 4-7,62 - 1840214



STZ 3-PCC 4-7,62 - 1840227

STZ 5-PCC 4-7,62 GN - 1842005

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accessories

STZ 8-PCC 4-7,62 - 1840230

MCC-MT 0,2-0,35 (0,0) BA - 1923717



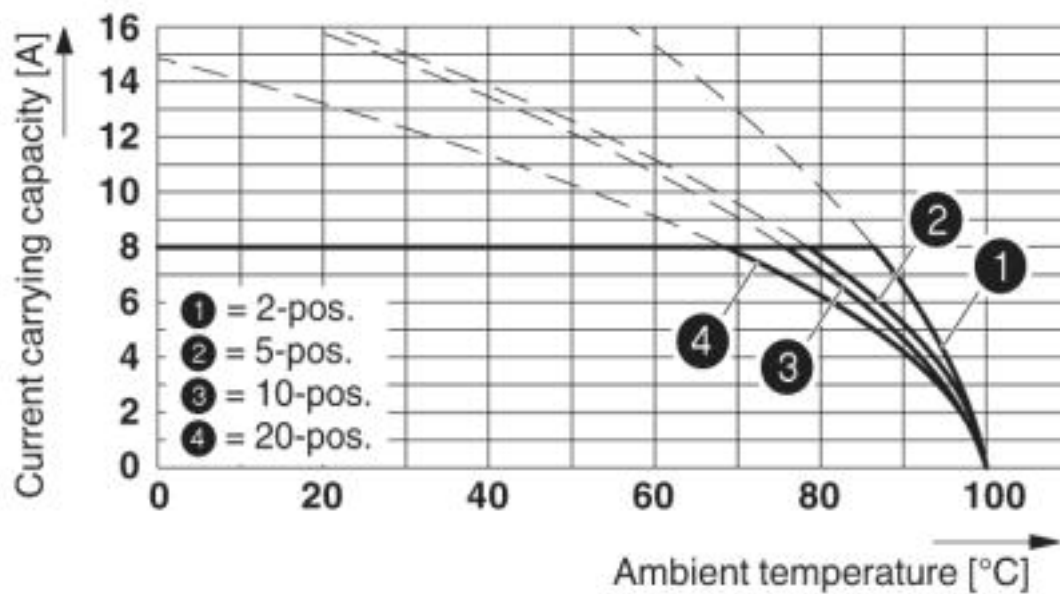
MCC-MT 0,5-1,0 BAND - 1898622



Drawings

Printed-circuit board connector - MCC 1/ 2-STZ-3,81 - 1852176

Diagram



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

Dimensioned drawing

