



Automatización Eléctrica
Especialistas en Automatización

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Printed-circuit board connector - MCC 1/16-STZ-3,81 - 1852312

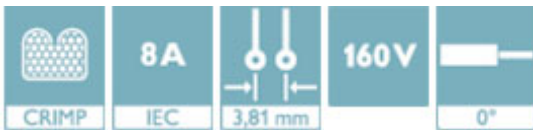
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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

Why buy this product

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



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 STK |
| GTIN |  4 017918 143879 |

Technical data

Dimensions

| | |
|-------------|----------|
| Pitch | 3.81 mm |
| Dimension a | 57.15 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 |

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Technical data

General

| | |
|--|-------------------|
| Nominal cross section | 1 mm ² |
| Maximum load current | 8 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Number of positions | 16 |

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 |

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 |
| UNSPSC 13.2 | 39121409 |

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Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

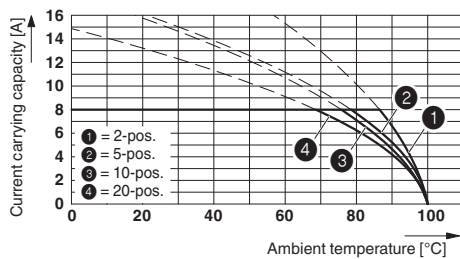
Approvals submitted

Approval details

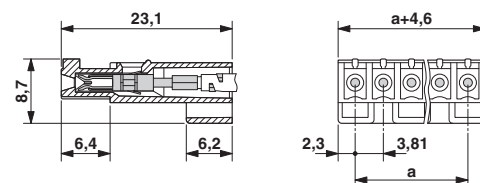
| | | |
|--------------------------------|-------|-------|
| cULus Recognized | | |
| | B | D |
| mm ² /AWG/kcmil | 24-22 | 24-22 |
| Nominal current I _N | 5 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V |

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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| Product | Code | Reference | Product link |
|---|---------|-------------------|--|
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