

## Printed-circuit board connector - MCC 1/12-STZF-3,81 - 1852464

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] 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

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 4.55 GRM |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 3.81 mm  |
| Dimension a | 41.91 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          |

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## Technical data

### General

|   |                   |
|---|-------------------|
| Rated voltage (III/2)                   | 160 V             |
| Rated voltage (II/2)                    | 320 V             |
| Connection in acc. with standard        | EN-VDE            |
| Nominal current I <sub>N</sub>          | 8 A               |
| Nominal cross section                   | 1 mm <sup>2</sup> |
| Maximum load current                    | 8 A               |
| Insulating material                     | PA                |
| Inflammability class according to UL 94 | V0                |
| Number of positions                     | 12                |

### Connection data

|  |                     |
|--|---------------------|
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 1 mm <sup>2</sup>   |
| 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 |

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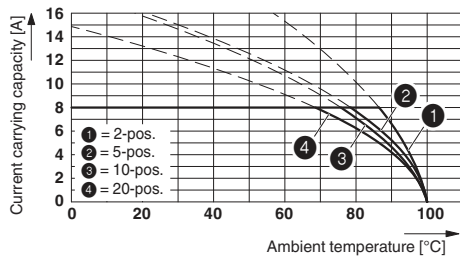
## Classifications

### UNSPSC

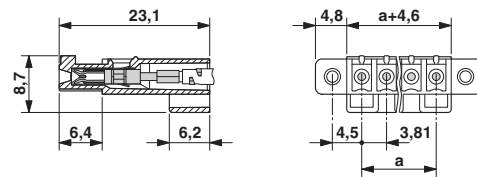
|              |          |
|--------------|----------|
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2  | 39121409 |

## Drawings

Diagram



Dimensioned drawing



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