



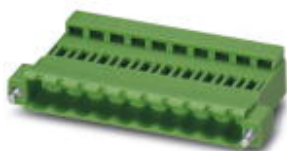
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# Printed-circuit board connector - ICC 2,5/ 2-STZF-5,08 - 1823383

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte



The illustration shows an 10-position version

## Why buy this product

- Inexpensive connection of large quantities of pre-assembled conductors
- Pull-out aid facilitates handling and allows the tensile force to be reduced at the contact point
- Screwable flange for superior mechanical stability
- Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections
- Can be combined with the MSTB 2',5 range



## Key Commercial Data

|                        |                     |
|------------------------|---------------------|
| Packing unit           | 50 STK              |
| Minimum order quantity | 50 STK              |
| GTIN                   | <br>4 017918 048242 |

## Technical data

### Dimensions

|             |         |
|-------------|---------|
| Pitch       | 5.08 mm |
| Dimension a | 5.08 mm |

### General

|                             |                 |
|-----------------------------|-----------------|
| Range of articles           | ICC 2,5/..-STZF |
| Insulating material group   | I               |
| Rated surge voltage (III/3) | 4 kV            |
| Rated surge voltage (III/2) | 4 kV            |
| Rated surge voltage (II/2)  | 4 kV            |
| Rated voltage (III/3)       | 250 V           |

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## Technical data

### General

|  |                     |
|--|---------------------|
| Rated voltage (III/2)                  | 320 V               |
| Rated voltage (II/2)                   | 630 V               |
| Connection in acc. with standard       | EN-VDE              |
| Nominal current I <sub>N</sub>         | 12 A                |
| Nominal cross section                  | 2.5 mm <sup>2</sup> |
| Maximum load current                   | 12 A                |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |
| Number of positions                    | 2                   |

### Connection data

|                                       |                     |
|---------------------------------------|---------------------|
| Conductor cross section flexible min. | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max. | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG min.      | 20                  |
| Conductor cross section AWG max.      | 14                  |
| Minimum AWG according to UL/CUL       | 20                  |
| Maximum AWG according to UL/CUL       | 14                  |

### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CSA    |
| 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 |

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## Classifications

### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 11    | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2  | 39121409 |

## Approvals

### Approvals

#### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB CB Scheme / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

|                                |       |       |
|--------------------------------|-------|-------|
| CSA                            |       |       |
|                                | B     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 20-14 | 20-14 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

|                                |       |       |
|--------------------------------|-------|-------|
| UL Recognized                  |       |       |
|                                | B     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 20-14 | 20-14 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 250 V | 300 V |

|   |         |
|---|---------|
| VDE Gutachten mit Fertigungsüberwachung |         |
| mm <sup>2</sup> /AWG/kcmil              | 0.5-1.0 |
| Nominal current I <sub>N</sub>          | 10 A    |

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## Approvals

|                    |       |
|--------------------|-------|
| Nominal voltage UN | 250 V |
|--------------------|-------|

cUL Recognized

|                                | B     | D     |
|--------------------------------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 20-14 | 20-14 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage UN             | 250 V | 300 V |

IECEE CB Scheme

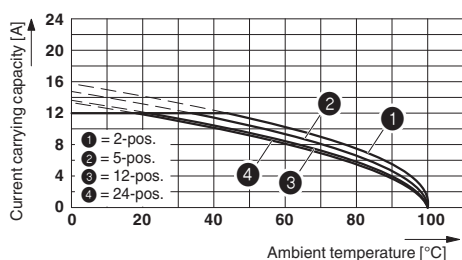
|                                |         |
|--------------------------------|---------|
| mm <sup>2</sup> /AWG/kcmil     | 0.5-1.0 |
| Nominal current I <sub>N</sub> | 10 A    |
| Nominal voltage UN             | 250 V   |

EAC

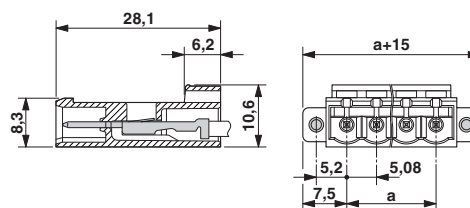
cULus Recognized

## Drawings

Diagram



Dimensional drawing



Type: ICC 2,5/...-ST-5,08 with IC 2,5/...-G-5,08; contact: ICC-MT 1,5 - 2,5

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