

## Printed-circuit board connector - FRONT-MSTB 2,5/10-ST-5,08CPBD5 - 1713248

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PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin



The figure shows a 10-position version of the product

### Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Optimized for tight installation situations: operation and conductor connection from one direction
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 50 pc         |
| GTIN         |               |
| GTIN         | 4055626310985 |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Width [ w ] | 10.16 mm |
| Pitch       | 5.08 mm  |
| Dimension a | 45.72 mm |

#### General

|                           |                        |
|---------------------------|------------------------|
| Range of articles         | FRONT-MSTB 2,5/...-ST  |
| Number of positions       | 10                     |
| Connection method         | Front screw connection |
| Insulating material group | I                      |
| Rated voltage (III/2)     | 320 V                  |

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## Technical data

### General

|                       |                     |
|-----------------------|---------------------|
| Nominal current $I_N$ | 12 A                |
| Nominal cross section | 2.5 mm <sup>2</sup> |
| Screw thread          | M2,5                |

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Approvals

### Approvals

#### Approvals

CSA / IECCE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|                            |                                                                                     |                                                                                                                                         |       |
|----------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                        |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                            | D                                                                                   | B                                                                                                                                       |       |
| Nominal voltage UN         | 300 V                                                                               | 300 V                                                                                                                                   |       |
| Nominal current IN         | 10 A                                                                                | 15 A                                                                                                                                    |       |
| mm <sup>2</sup> /AWG/kcmil | 22-12                                                                               | 22-12                                                                                                                                   |       |

|                            |                                                                                     |                                                           |                |
|----------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme            |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58978-B1B2 |
| Nominal voltage UN         | 250 V                                                                               |                                                           |                |
| Nominal current IN         | 12 A                                                                                |                                                           |                |
| mm <sup>2</sup> /AWG/kcmil | 0.34-2.5                                                                            |                                                           |                |

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### Approvals

|                                            |                                                                                   |                                                                                                                                                                                                                |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |  | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/<br/>VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40004701 |
| Nominal voltage UN                         |                                                                                   | 250 V                                                                                                                                                                                                          |          |
| Nominal current IN                         |                                                                                   | 12 A                                                                                                                                                                                                           |          |
| mm²/AWG/kcmil                              |                                                                                   | 0.34-2.5                                                                                                                                                                                                       |          |

|     |                                                                                   |         |
|-----|-----------------------------------------------------------------------------------|---------|
| EAC |  | B.01742 |
|-----|-----------------------------------------------------------------------------------|---------|

|                    |                                                                                    |                                                                                                                                                       |                 |
|--------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-19931011 |
| Nominal voltage UN |                                                                                    | D<br>300 V                                                                                                                                            | B<br>300 V      |
| Nominal current IN |                                                                                    | 10 A                                                                                                                                                  | 15 A            |
| mm²/AWG/kcmil      |                                                                                    | 30-12                                                                                                                                                 | 30-12           |

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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