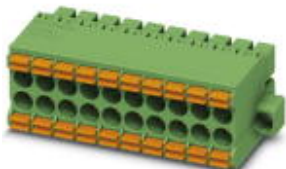


# Printed-circuit board connector - DFMC 1,5/12-STF-3,5 2BD:1-24 Q - 1712890

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PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 12, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin




The figure shows a 10-pos. version with 20 contacts

## Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Optimized for tight installation situations: operation and conductor connection from one direction
- ✓ Screwable flange for superior mechanical stability



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 pc   |
| GTIN         | <br>4 055626 299501 |
| GTIN         | 4055626299501   |

## Technical data

### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 23.35 mm |
| Width [ w ]  | 49 mm    |
| Height [ h ] | 13.25 mm |
| Pitch        | 3.5 mm   |
| Dimension a  | 38.5 mm  |

### General

|                     |                 |
|---------------------|-----------------|
| Range of articles   | DFMC 1,5/..-STF |
| Number of positions | 12              |

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## Technical data

### General

|                                |                           |
|--------------------------------|---------------------------|
| Connection method              | Push-in spring connection |
| Insulating material group      | I                         |
| Rated voltage (III/2)          | 160 V                     |
| Nominal current I <sub>N</sub> | 8 A                       |
| Nominal cross section          | 1.5 mm <sup>2</sup>       |

### Specifications for ferrules

|  |  |
|--|--|
| Recommended crimping pliers                                  | 1212034 CRIMPFOX 6   |
| Ferrules without insulating collar, according to DIN 46228-1 | Cross section: 0.25 mm <sup>2</sup> ; Length: 5 mm ... 7 mm  |
|  | Cross section: 0.34 mm <sup>2</sup> ; Length: 7 mm           |
|  | Cross section: 0.5 mm <sup>2</sup> ; Length: 8 mm ... 10 mm  |
|  | Cross section: 0.75 mm <sup>2</sup> ; Length: 8 mm ... 10 mm |
|  | Cross section: 1 mm <sup>2</sup> ; Length: 8 mm ... 10 mm    |
|  | Cross section: 1.5 mm <sup>2</sup> ; Length: 10 mm           |

### Environmental Product Compliance

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

## Approvals


### Approvals

#### Approvals

IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized


#### Ex Approvals


### Approval details


|                                |   |   |                 |
|--------------------------------|---|---|-----------------|
| IECEE CB Scheme                |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-60359_B1_B2 |
| Nominal voltage U <sub>N</sub> | 160 V   |   |                 |
| Nominal current I <sub>N</sub> | 8 A   |   |                 |

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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> | 40038423 |
| Nominal voltage UN                         |   | 160 V  |          |
| Nominal current IN                         |   | 8 A  |          |
| mm <sup>2</sup> /AWG/kcmil                 |   | 0.2-1.5  |          |

|     |   |         |
|-----|---|---------|
| 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> | E60425-19920306 |
|                            | D  | B   | C               |
| Nominal voltage UN         | 300 V  | 300 V   | 50 V            |
| Nominal current IN         | 8 A  | 8 A   | 8 A             |
| mm <sup>2</sup> /AWG/kcmil | 24-16  | 24-16   | 24-16           |

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