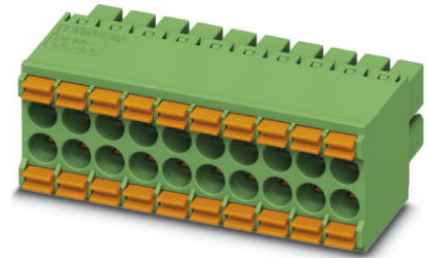


## DFMC 1,5/13-ST-3,5

Order No.: 1790218



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1790218>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V,  
Number of positions: 13, Pitch: 3.5 mm, Connection method: Spring-  
cage conn., Color: green, Contact surface: Tin

### Commercial data

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 046356 594363 |
| Note                     | Made-to-order                                                                                          |
| Pack                     | 50                                                                                                     |
| Customs tariff           | 85366990                                                                                               |
| Gross weight in pieces   | 13.48 g                                                                                                |
| Country of Origin        | DE                                                                                                     |
| Catalog page information | Page 174 (CC-2011)                                                                                     |

### Product notes

WEEE/RoHS-compliant since:  
08/07/2010



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

|                     |          |
|---------------------|----------|
| Length              | 22.65 mm |
| Height              | 13.25 mm |
| Pitch               | 3.5 mm   |
| Dimension a         | 42 mm    |
| Number of positions | 13       |

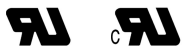
#### Technical data

|                                         |                     |
|-----------------------------------------|---------------------|
| Range of articles                       | DFMC 1,5/...-ST     |
| 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/2)                   | 160 V               |
| Rated voltage (II/2)                    | 250 V               |
| Connection in acc. with standard        | EN-VDE              |
| Nominal current $I_N$                   | 8 A                 |
| Nominal voltage $U_N$                   | 160 V               |
| Nominal cross section                   | 1.5 mm <sup>2</sup> |
| Maximum load current                    | 8 A                 |
| Insulating material                     | PA                  |
| Inflammability class according to UL 94 | V0                  |
| Internal cylindrical gage               | A1                  |
| Stripping length                        | 10 mm               |
| Nominal voltage, UL/CUL Use Group B     | 150 V               |
| Nominal current, UL/CUL Use Group B     | 8 A                 |

#### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                         | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 0.75 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.                                     | 24                   |
| Conductor cross section AWG/kcmil max                                      | 16                   |
| Minimum AWG according to UL/CUL                                            | 16                   |
| Maximum AWG according to UL/CUL                                            | 24                   |

## Certificates



Certification

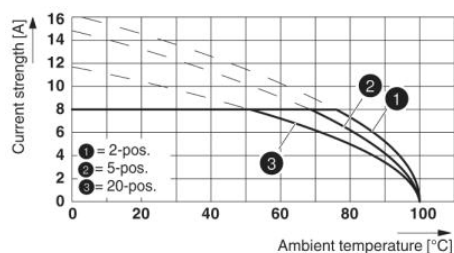
cULus Recognized

Certifications applied for:

Certification Ex:

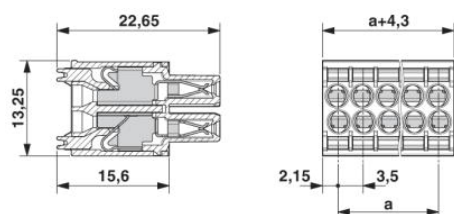
## Drawings

Diagram



Type: DFMC 1,5/...-ST-3,5 with DMC 1,5/...-G1-3,5 P20 THR

Dimensioned drawing



**Address**

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