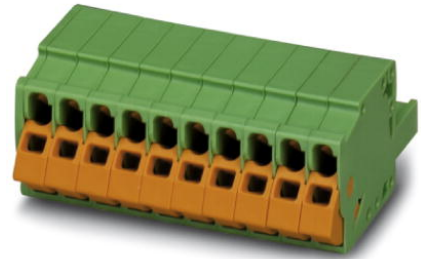


## QC 1,5/ 8-ST

Order No.: 1718025

The figure shows a 10-position version of the product



Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V,  
Pitch: 5 mm, Color: green, Metal surface: Tin-plated

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| GTIN (EAN)               | 4046356140294      |
| sales group              | E111               |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.021672 KG        |
| Catalog page information | Page 228 (CC-2009) |

### Product notes

WEEE/RoHS-compliant since:  
05/18/2006



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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. The  
General Terms and Conditions of  
Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

|                     |       |
|---------------------|-------|
| Pitch               | 5 mm  |
| Dimension a         | 35 mm |
| Number of positions | 8     |

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**Technical data**

|                                     |                     |
|-------------------------------------|---------------------|
| Insulating material group           | I                   |
| Rated surge voltage (III/3)         | 6 kV                |
| Rated surge voltage (III/2)         | 6 kV                |
| Rated surge voltage (II/2)          | 6 kV                |
| Rated voltage (III/2)               | 630 V               |
| Rated voltage (II/2)                | 1000 V              |
| Connection in acc. with standard    | EN-VDE              |
| Nominal current $I_N$               | 12 A                |
| Nominal voltage $U_N$               | 500 V               |
| Nominal cross section               | 1.5 mm <sup>2</sup> |
| Maximum load current                | 12 A                |
| Insulating material                 | PA                  |
| Inflammability class acc. to UL 94  | V0                  |
| Nominal voltage, UL/CUL Use Group B | 250 V               |
| Nominal current, UL/CUL Use Group B | 10 A                |
| Nominal voltage, UL/CUL Use Group D | 300 V               |
| Nominal current, UL/CUL Use Group D | 10 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 AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max  | 16                  |
| Minimum AWG according to UL/CUL        | 24                  |
| Maximum AWG according to UL/CUL        | 16                  |

**Certificates / Approvals**

Certification

CUL, UL

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**CUL**

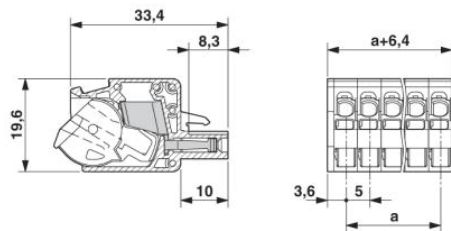
|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |
| AWG/kcmil             | 24-16 |

**UL**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |
| AWG/kcmil             | 24-16 |

**Diagrams/Drawings**

Dimensioned drawing



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