

# Plug - FMC 1,5/ 4-ST-3,5-RF GY AU - 1701371

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PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: gray, contact surface: Gold




The figure shows a 10-position version of the product

## Your advantages

- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ 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
- ✓ Operation and conductor connection from one direction enable integration into front of device
- ✓ Intuitive locking mechanism prevents accidental disconnection



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 pc   |
| GTIN         | <br>4 046356 528696 |
| GTIN         | 4046356528696   |

## Technical data

### Dimensions

|              |         |
|--------------|---------|
| Length [ l ] | 22.9 mm |
| Width [ w ]  | 24.1 mm |
| Height [ h ] | 7.8 mm  |
| Pitch        | 3.5 mm  |
| Dimension a  | 10.5 mm |

### General

|                     |                           |
|---------------------|---------------------------|
| Range of articles   | FMC 1,5/..-ST-RF          |
| Number of positions | 4                         |
| Connection method   | Push-in spring connection |

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## Technical data

### General

|                                  |                     |
|----------------------------------|---------------------|
| Rated voltage (III/3)            | 160 V               |
| Connection in acc. with standard | EN-VDE              |
| Nominal current $I_N$            | 8 A                 |
| Nominal cross section            | 1.5 mm <sup>2</sup> |

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

### Standards and Regulations

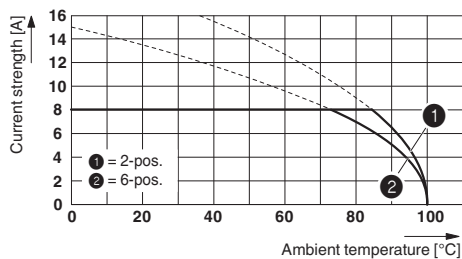
|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|                                  | CUL    |

### Environmental Product Compliance

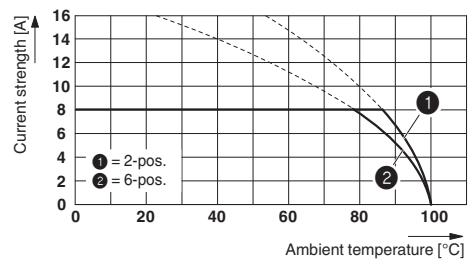
|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Diagram



Diagram

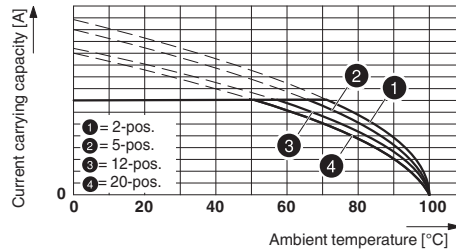


Derating curve for: FMC 1,5/...-ST-3,5-RF GY AU with MCV 1,5/...-G-3,5-RN GYP26AUTHT

Derating curve for: FMC 1,5/...-ST-3,5-RF GY AU with MC 1,5/...-G-3,5-RNGYP26AUTHTR

# Plug - FMC 1,5/ 4-ST-3,5-RF GY AU - 1701371

Diagram



Type: FMC 1,5/...-ST-3,5-RF AU with MCDN 1,5/...-G1-3,5 RNP26THR AU

## 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> | DE1-60987-B1B2 |
| Nominal voltage UN         | 160 V   |   |                |
| Nominal current IN         | 8 A     |   |                |
| mm <sup>2</sup> /AWG/kcmil | 0.2-1.5 |   |                |

|   |         |   |          |
|---|---------|---|----------|
| VDE Gutachten mit 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/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40011723 |
| Nominal voltage UN                      | 160 V   |   |          |
| Nominal current IN                      | 8 A     |   |          |
| mm <sup>2</sup> /AWG/kcmil              | 0.2-1.5 |   |          |

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

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### Approvals

|                            |   |   |                 |
|----------------------------|---|---|-----------------|
| 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 |
|                            | B   | C   |                 |
| Nominal voltage UN         | 150 V   | 50 V  |                 |
| Nominal current IN         | 8 A   | 8 A   |                 |
| mm <sup>2</sup> /AWG/kcmil | 24-16   | 24-16   |                 |

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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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