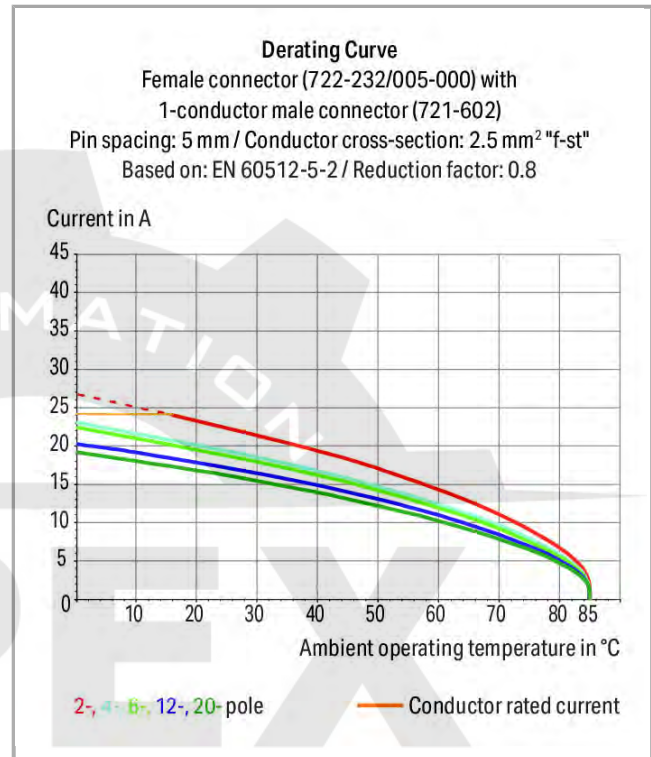
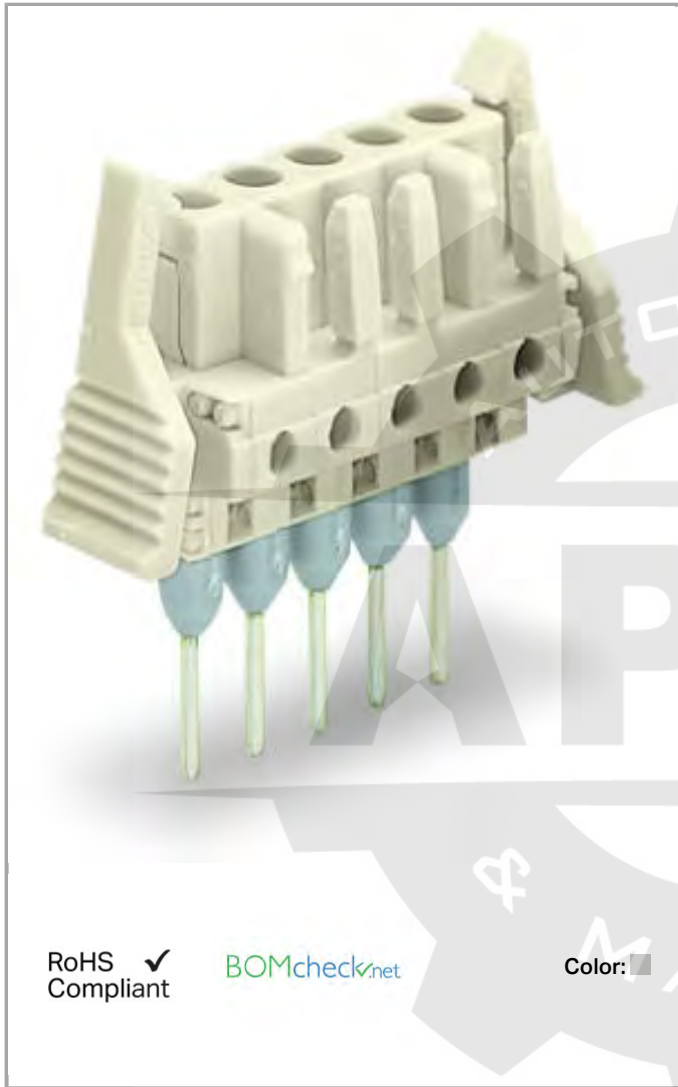


**Data sheet | Item number: 722-136/005-000/039-000**

Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 6-pole



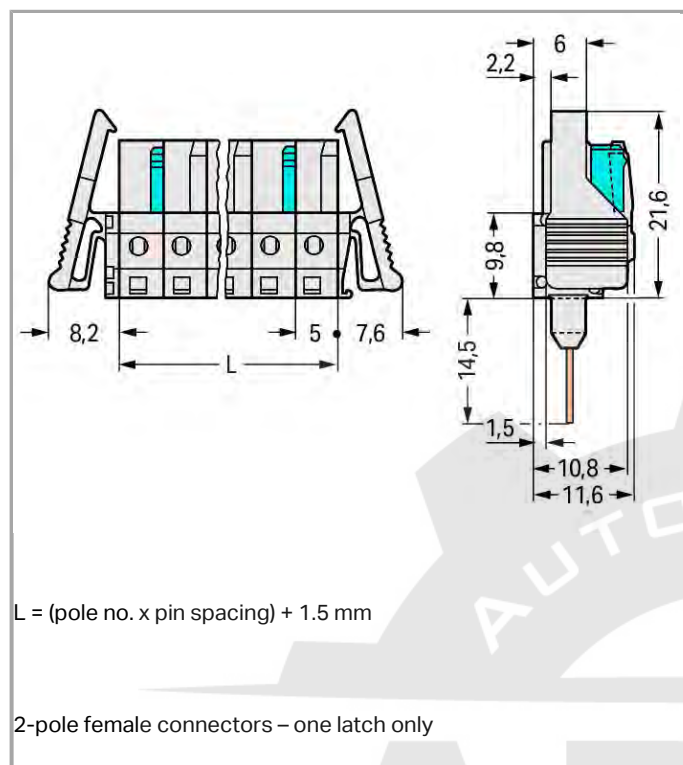
722-136/005-000/039-000



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



### Item description

- Pluggable connectors for rail-mount terminal blocks equipped with CAGE CLAMP® connection
- Female connectors with long contact pins connect to the termination ports of 280 Series Rail-Mount Terminal Blocks
- Female connectors are touch-proof when unmated, providing a pluggable, live output
- 100 % protected against mismatching
- With coding fingers

### Safety information 1:

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 320 V |
| Rated impulse voltage (III / 3) | 4 kV  |
| Rated voltage (III / 2)         | 320 V |
| Rated impulse voltage (III / 2) | 4 kV  |
| Rated voltage (II / 2)          | 630 V |

|                                |      |
|--------------------------------|------|
| Rated impulse voltage (II / 2) | 4 kV |
| Rated current                  | 12 A |

#### Approvals per UL 1059

|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 15 A  |
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 10 A  |

#### Approvals per UL 1977

|                                                 |       |
|-------------------------------------------------|-------|
| Rated voltage per UL 1977 (factory wiring only) | 600 V |
| Rated current per UL 1977 (factory wiring only) | 15 A  |

#### Approvals per CSA

|                                 |       |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 15 A  |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 10 A  |

#### Connection data

|                            |   |
|----------------------------|---|
| No. of poles               | 6 |
| Total number of potentials | 6 |
| Number of connection types | 1 |
| Number of levels           | 1 |

#### Geometrical Data

|                         |                      |
|-------------------------|----------------------|
| Pin spacing             | 5 mm / 0.197 inch    |
| Width                   | 45.8 mm / 1.803 inch |
| Height                  | 36.1 mm / 1.421 inch |
| Height from the surface | 21.6 mm / 0.85 inch  |
| Depth                   | 11.6 mm / 0.457 inch |

#### Plug connection

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Contact type (pluggable connector) | Female connector/socket               |
| Connector connection type          | for front-entry wiring terminal block |
| Mismating protection               | Yes                                   |
| Locking of plug-in connection      | locking lever                         |
| Steckrichtung zur Reihenklemme     | 90°                                   |

## Material Data

|                             |                      |
|-----------------------------|----------------------|
| Color                       | light gray           |
| Material group              | I                    |
| Insulating material         | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0                   |
| Contact material            | Copper alloy         |
| Contact plating             | tin-plated           |
| Fire load                   | 0.133 MJ             |
| Weight                      | 7.24 g               |

## Environmental Requirements

|                         |                |
|-------------------------|----------------|
| Limit temperature range | -60 ... +85 °C |
|-------------------------|----------------|

## Commercial data

|                    |                        |
|--------------------|------------------------|
| Product Group      | 3 (Multi Conn. System) |
| Country of origin  | DE                     |
| GTIN               | 4044918571425          |
| Customs Tariff No. | 85366990990            |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                               | Approval                        | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CSA<br>DEKRA Certification B.V. | C22.2                    | 1466354          |

### UL-Approvals

| Logo                                                                               | Approval                            | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|-------------------------------------|--------------------------|------------------|
|  | UR<br>UL International Germany GmbH | UL 1977                  | E45171           |
|  | UR<br>UL International Germany GmbH | UL 1977                  | E45171           |

## Compatible products

### General accessories

|                                                                                    |                                                                                                                            |          |         |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------|---------|
|    | <b>Item no.: 280-650/056-000</b><br>Spacer of same profile; suitable for 3-conductor terminal blocks of horizontal type    | /056-000 | 280-650 |
|    | <b>Item no.: 280-654/056-000</b><br>Spacer of same profile; suitable for 3- and 4-conductor terminal blocks of angled type | /056-000 | 280-654 |
|    | <b>Item no.: 280-835/056-000</b><br>Spacer of same profile; suitable for 4-conductor terminal blocks of horizontal type    | /056-000 | 280-835 |
|    | <b>Item no.: 280-902/056-000</b><br>Spacer of same profile; suitable for 2-conductor terminal blocks of horizontal type    | /056-000 | 280-902 |
| <b>check</b>                                                                       |                                                                                                                            |          |         |
|    | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable                                                           |          | 210-136 |
|  | <b>Item no.: 210-137</b><br>Test plug; 2.3 mm Ø; with 500 mm cable                                                         |          | 210-137 |
|  | <b>Item no.: 231-661</b><br>Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing                             |          | 231-661 |

### Downloads

#### CAD/CAE - Smart Data

##### CAD data

|                                     |     |          |
|-------------------------------------|-----|----------|
| 3D Download 722-136/005-000/039-000 | URL | Download |
|-------------------------------------|-----|----------|

Subject to changes.