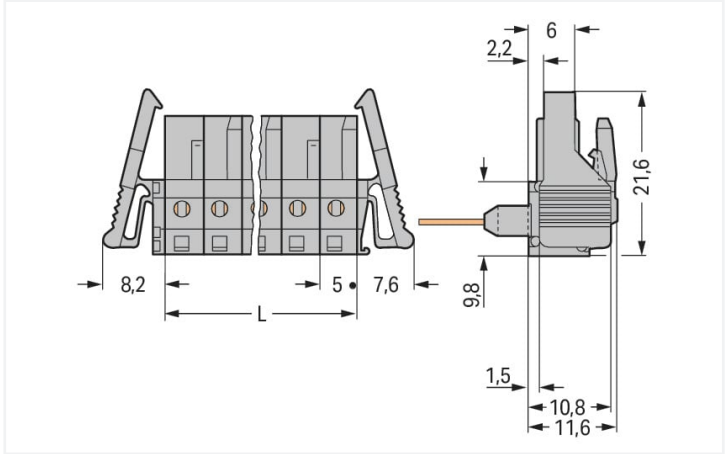
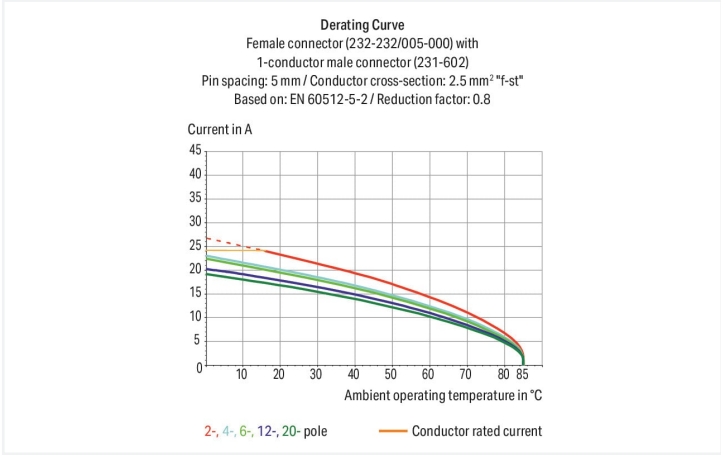




Color: ■ gray



Dimensions in mm  
L = pole no. x pin spacing  
2- to 3-pole female connectors – one latch only



- 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
- With coding fingers

| Notes              |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety information | The MCS – MULTI CONNECTION SYSTEM includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. When used as intended, these connectors must 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. |
| Variants:          | Other pole numbers<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .                                                                                                                                                                                                                                      |



| Electrical data                                   |       |                |                                                                                                                        |  |
|---------------------------------------------------|-------|----------------|------------------------------------------------------------------------------------------------------------------------|--|
| Ratings per                                       |       | IEC/EN 60664-1 |                                                                                                                        |  |
| Overvoltage category                              | III   | III            | II                                                                                                                     |  |
| Pollution degree                                  | 3     | 2              | 2                                                                                                                      |  |
| Nominal voltage                                   | 320 V | 320 V          | 630 V                                                                                                                  |  |
| Rated surge voltage                               | 4 kV  | 4 kV           | 4 kV                                                                                                                   |  |
| Rated current                                     | 12 A  | 12 A           | 12 A                                                                                                                   |  |
| Approvals per                                     |       | UL 1977        |                                                                                                                        |  |
| Rated voltage                                     | 600 V |                |                                                                                                                        |  |
| Rated current                                     | 15 A  |                |                                                                                                                        |  |
| Approvals per                                     |       | UL 1059        |                                                                                                                        |  |
| Use group                                         | B     | C              | D                                                                                                                      |  |
| Rated voltage                                     | 300 V | -              | 300 V                                                                                                                  |  |
| Rated current                                     | 15 A  | -              | 10 A                                                                                                                   |  |
| Approvals per                                     |       | CSA            |                                                                                                                        |  |
| Use group                                         | B     | C              | D                                                                                                                      |  |
| Rated voltage                                     | 300 V | -              | 300 V                                                                                                                  |  |
| Rated current                                     | 15 A  | -              | 10 A                                                                                                                   |  |
| Connection data                                   |       |                |                                                                                                                        |  |
| Connection points                                 | 12    | Connection 1   |                                                                                                                        |  |
| Total number of potentials                        | 12    | Pole number    | 12                                                                                                                     |  |
| Number of connection types                        | 1     |                |                                                                                                                        |  |
| Number of levels                                  | 1     |                |                                                                                                                        |  |
| Physical data                                     |       |                |                                                                                                                        |  |
| Pin spacing                                       |       |                | 5 mm / 0.197 inches                                                                                                    |  |
| Width                                             |       |                | 75.8 mm / 2.984 inches                                                                                                 |  |
| Height                                            |       |                | 26.1 mm / 1.028 inches                                                                                                 |  |
| Height from the surface                           |       |                | 11.6 mm / 0.457 inches                                                                                                 |  |
| Depth                                             |       |                | 11.6 mm / 0.457 inches                                                                                                 |  |
| Mechanical data                                   |       |                |                                                                                                                        |  |
| Variable coding                                   |       |                | Yes                                                                                                                    |  |
| Anti-rotation protection                          |       |                | Yes                                                                                                                    |  |
| Plug-in connection                                |       |                |                                                                                                                        |  |
| Contact type (pluggable connector)                |       |                | Female connector/socket                                                                                                |  |
| Connector (connection type)                       |       |                | for front-entry rail-mount terminal block                                                                              |  |
| Mismating protection                              |       |                | No                                                                                                                     |  |
| Locking of plug-in connection                     |       |                | Locking lever                                                                                                          |  |
| Mating direction to the rail-mount terminal block |       |                | 0 °                                                                                                                    |  |
| Material data                                     |       |                |                                                                                                                        |  |
| Note (material data)                              |       |                | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |  |
| Color                                             |       |                | gray                                                                                                                   |  |
| Material group                                    |       |                | I                                                                                                                      |  |
| Insulation material                               |       |                | Polyamide (PA66)                                                                                                       |  |
| Flammability class per UL94                       |       |                | V0                                                                                                                     |  |
| Contact material                                  |       |                | Copper alloy                                                                                                           |  |
| Contact plating                                   |       |                | Tin                                                                                                                    |  |
| Fire load                                         |       |                | 0.518 MJ                                                                                                               |  |
| Weight                                            |       |                | 13.5 g                                                                                                                 |  |



| Environmental requirements |                |
|----------------------------|----------------|
| Limit temperature range    | -60 ... +85 °C |
| Processing temperature     | -35 ... +60 °C |

| Commercial data       |                        |
|-----------------------|------------------------|
| Product Group         | 3 (Multi Conn. System) |
| eCl@ss 10.0           | 27-14-11-06            |
| eCl@ss 9.0            | 27-14-11-06            |
| ETIM 8.0              | EC001284               |
| ETIM 7.0              | EC001284               |
| PU (SPU)              | 25 pcs                 |
| Packaging type        | Box                    |
| Country of origin     | DE                     |
| GTIN                  | 4044918572033          |
| Customs tariff number | 85366990990            |

| Environmental Product Compliance |                        |
|----------------------------------|------------------------|
| RoHS Compliance Status           | Compliant,No Exemption |

Approvals / Certificates

General approvals



| Approval                             | Standard | Certificate Name |
|--------------------------------------|----------|------------------|
| CSA<br>DEKRA Certification B.V.      | C22.2    | 1466354          |
| UL<br>Underwriters Laboratories Inc. | UL 1059  | E45172           |

Downloads

Environmental Product Compliance

| Compliance Search |
|-------------------|
|                   |

Documentation

| Additional Information |            |                   |  |
|------------------------|------------|-------------------|--|
| Technical Section      | 03.04.2019 | pdf<br>2010.85 KB |  |

|                                                                                   |
|-----------------------------------------------------------------------------------|
| CAD/CAE-Data                                                                      |
| CAE data                                                                          |
|  |

|                           |
|---------------------------|
| 1 Compatible Products     |
| 1.1 System counterpart    |
| 1.1.1 Male connector/plug |



Item No.: [231-612](#)  
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 2,50 mm²; gray

|                             |
|-----------------------------|
| 1.2 Optional Accessories    |
| 1.2.1 Test and measurement  |
| 1.2.1.1 Testing accessories |



Item No.: [231-661](#)  
Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm²; light gray