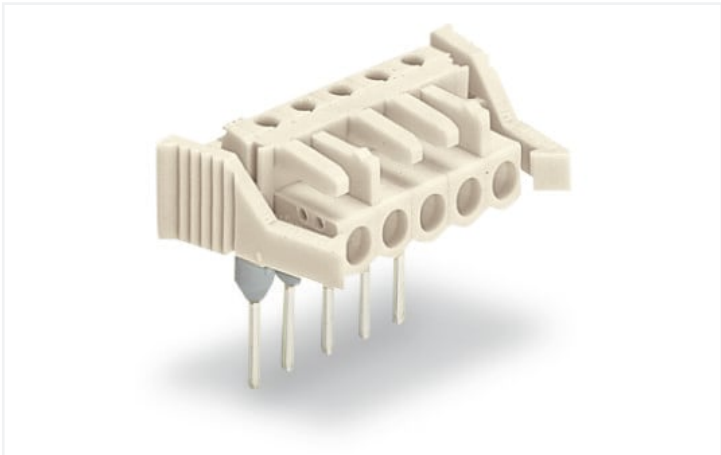
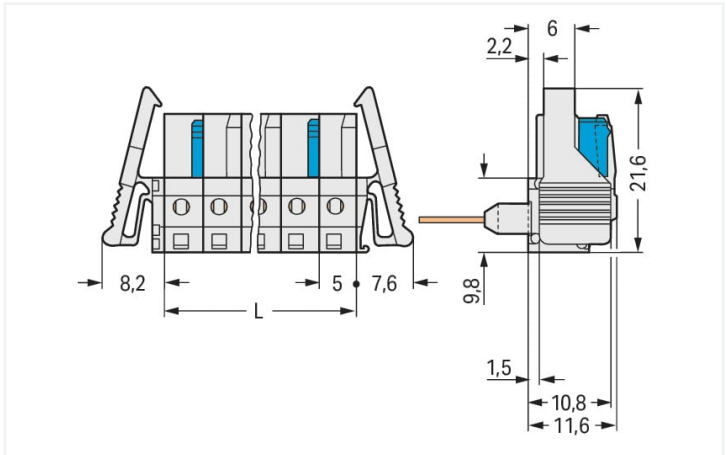


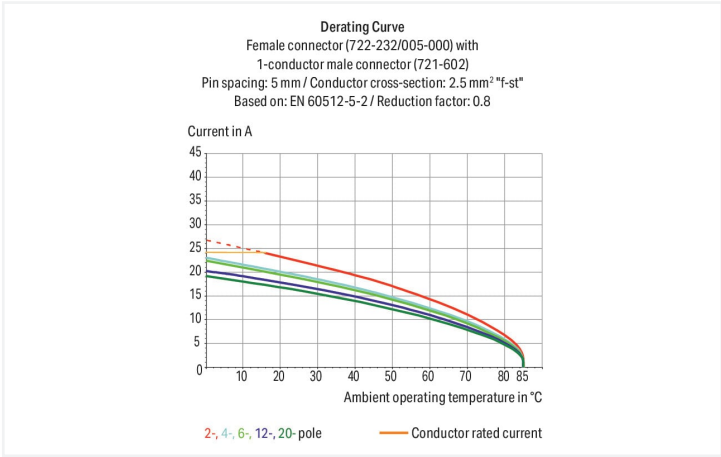
**Data Sheet | Item Number: 722-246/005-000/039-000**  
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 16-pole; light gray  
<https://www.wago.com/722-246/005-000/039-000>



Color: ■ light gray                      Similar to illustration



Dimensions in mm  
L = (pole no. x pin spacing) + 1.5 mm  
2-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
- 100 % protected against mismating
- 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 1059        |                                                                                                                        |       |
| Use group                                         |       | B              | C                                                                                                                      | D     |
| Rated voltage                                     |       | 300 V          | -                                                                                                                      | 300 V |
| Rated current                                     |       | 15 A           | -                                                                                                                      | 10 A  |
| Approvals per                                     |       | UL 1977        |                                                                                                                        |       |
| Rated voltage                                     |       | 600 V          |                                                                                                                        |       |
| Rated current                                     |       | 15 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                                 | 16    | Connection 1   |                                                                                                                        |       |
| Total number of potentials                        | 16    | Pole number    | 16                                                                                                                     |       |
| Number of connection types                        | 1     |                |                                                                                                                        |       |
| Number of levels                                  | 1     |                |                                                                                                                        |       |
| Physical data                                     |       |                |                                                                                                                        |       |
| Pin spacing                                       |       |                | 5 mm / 0.197 inches                                                                                                    |       |
| Width                                             |       |                | 95.8 mm / 3.772 inches                                                                                                 |       |
| Height                                            |       |                | 26.1 mm / 1.028 inches                                                                                                 |       |
| Height from the surface                           |       |                | 11.6 mm / 0.457 inches                                                                                                 |       |
| Depth                                             |       |                | 18.25 mm / 0.719 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                              |       |                | Yes                                                                                                                    |       |
| 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                                             |       |                | light gray                                                                                                             |       |
| Material group                                    |       |                | I                                                                                                                      |       |
| Insulation material                               |       |                | Polyamide (PA66)                                                                                                       |       |
| Flammability class per UL94                       |       |                | V0                                                                                                                     |       |
| Contact material                                  |       |                | Copper alloy                                                                                                           |       |
| Contact plating                                   |       |                | Tin                                                                                                                    |       |
| Fire load                                         |       |                | 0.471 MJ                                                                                                               |       |
| Weight                                            |       |                | 17.7 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)              | 10 pcs                 |
| Packaging type        | Box                    |
| Country of origin     | DE                     |
| GTIN                  | 4044918572569          |
| Customs tariff number | 85366990990            |

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

| Approvals / Certificates                                                           |          |                  |                                                                                      |          |                  |
|------------------------------------------------------------------------------------|----------|------------------|--------------------------------------------------------------------------------------|----------|------------------|
| General approvals                                                                  |          |                  | Approvals for marine applications                                                    |          |                  |
|  |          |                  |  |          |                  |
| Approval                                                                           | Standard | Certificate Name | Approval                                                                             | Standard | Certificate Name |
| CSA<br>DEKRA Certification B.V.                                                    | C22.2    | 1466354          | ABS<br>American Bureau of Ship-<br>ping                                              | -        | 19-HG1869876-PDA |
| UR<br>Underwriters Laboratories<br>Inc.                                            | UL 1977  | E45171           | DNV<br>DNV GL SE                                                                     | -        | TAE000016Z       |

| Downloads                        |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| Environmental Product Compliance |                                                                                     |
| Compliance Search                |  |

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



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

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



**Item No.: 721-616**  
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 16-pole; 100% protected against mismatching; 2,50 mm²; light gray

| 1.2 Optional Accessories |
|--------------------------|
| 1.2.1 Installation       |
| 1.2.1.1 Empty housings   |



**Item No.: 280-902/056-000**  
Spacer of same profile; suitable for 2-conductor terminal blocks of horizontal type; orange



**Item No.: 280-654/056-000**  
Spacer of same profile; suitable for 3- and 4-conductor terminal blocks of angled type; orange



**Item No.: 280-650/056-000**  
Spacer of same profile; suitable for 3-conductor terminal blocks of horizontal type; orange



**Item No.: 280-835/056-000**  
Spacer of same profile; suitable for 4-conductor terminal blocks of horizontal type; orange

| 1.2.2 Test and measurement  |
|-----------------------------|
| 1.2.2.1 Testing accessories |



**Item No.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable; red



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

| 1.2.3 Tool             |
|------------------------|
| 1.2.3.1 Operating tool |



**Item No.: 280-440**  
Operating tool; made of insulating material; 10-way