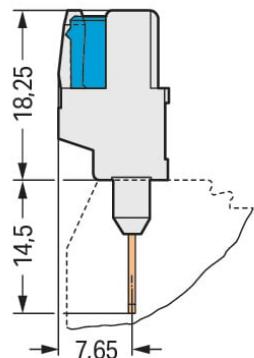
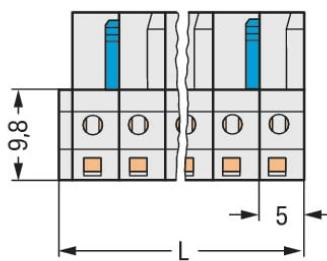


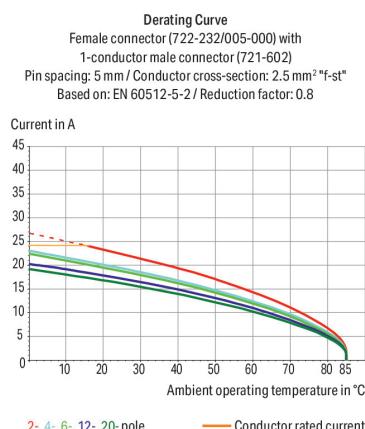
Color: light gray

Similar to illustration



Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$
 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

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

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 |
| Rated voltage | 300 V | - |
| Rated current | 15 A | - |
| | | 10 A |

Connection data

| | |
|----------------------------|---|
| Connection points | 8 |
| Total number of potentials | 8 |
| Number of connection types | 1 |
| Number of levels | 1 |

| Connection 1 | |
|--------------|---|
| Pole number | 8 |

Physical data

| | |
|-------------------------|-------------------------|
| Pin spacing | 5 mm / 0.197 inches |
| Width | 41.5 mm / 1.634 inches |
| Height | 32.75 mm / 1.289 inches |
| Height from the surface | 18.25 mm / 0.719 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 | Yes |
| Mating direction to the rail-mount terminal block | 90 ° |

Material data

| | |
|-----------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | light gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | VO |
| Contact material | Copper alloy |
| Contact plating | Tin |
| Fire load | 0.226 MJ |
| Weight | 8.4 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) | 50 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4044918570381 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

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

Approvals / Certificates**General approvals**

| Approval | Standard | Certificate Name |
|---------------------------------------|-----------|------------------|
| CB DEKRA Certification B.V. | IEC 61984 | NL-39756/A1 |
| CSA DEKRA Certification B.V. | C22.2 | 1466354 |
| KEMA/KEUR DEKRA Certification B.V. | EN 61984 | 71-121453 |
| UR Underwriters Laboratories Inc. | UL 1977 | E45171 |

Approvals for marine applications**Downloads****Environmental Product Compliance****Compliance Search**

Environmental Product
Compliance
722-138/005-000



Documentation

Additional Information

Technical Section

03.04.2019

pdf

2010.85 KB



CAD/CAE-Data

CAD data

2D/3D Models
722-138/005-000

CAE data

EPLAN Data Portal
722-138/005-000ZUKEN Portal
722-138/005-000

1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug

**Item No.: 721-608**1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 8-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