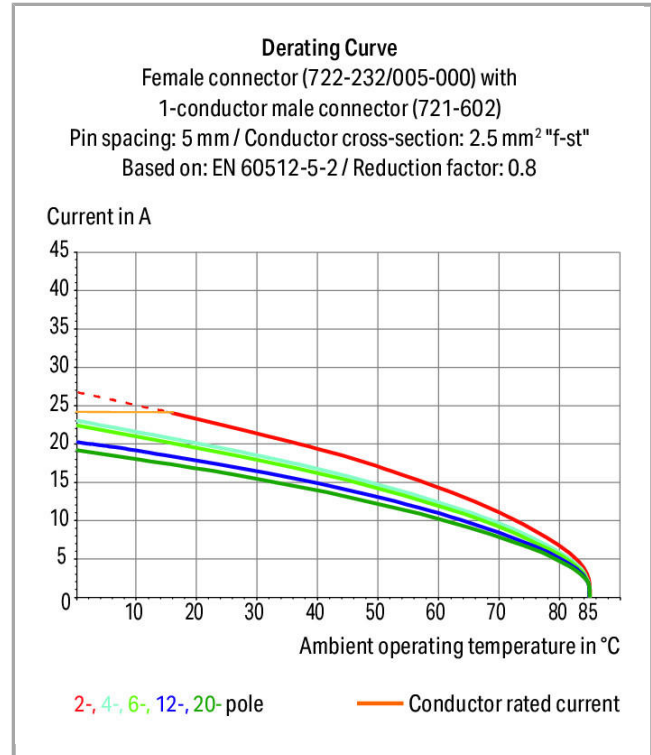
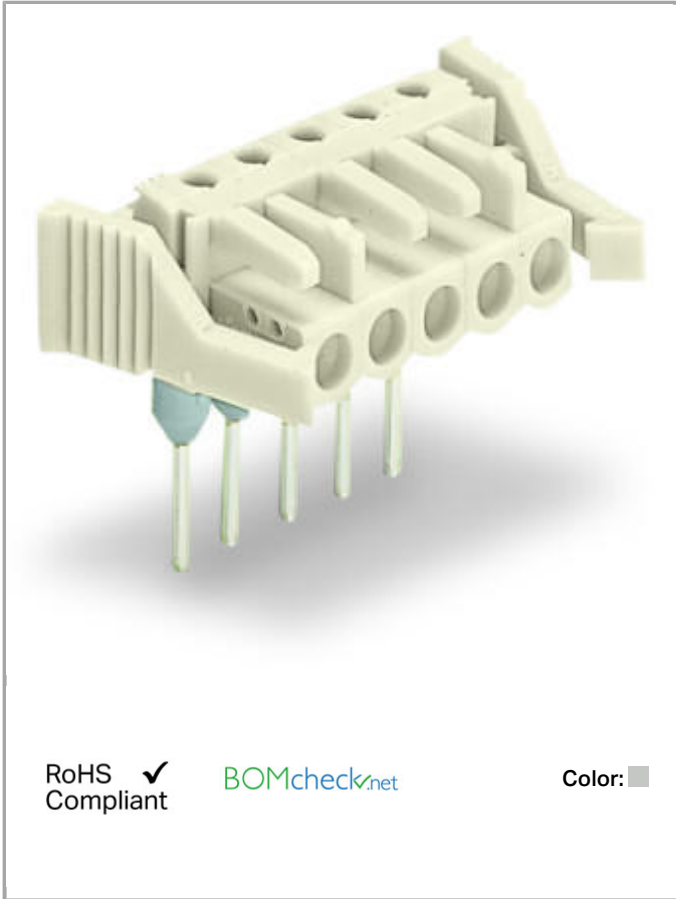


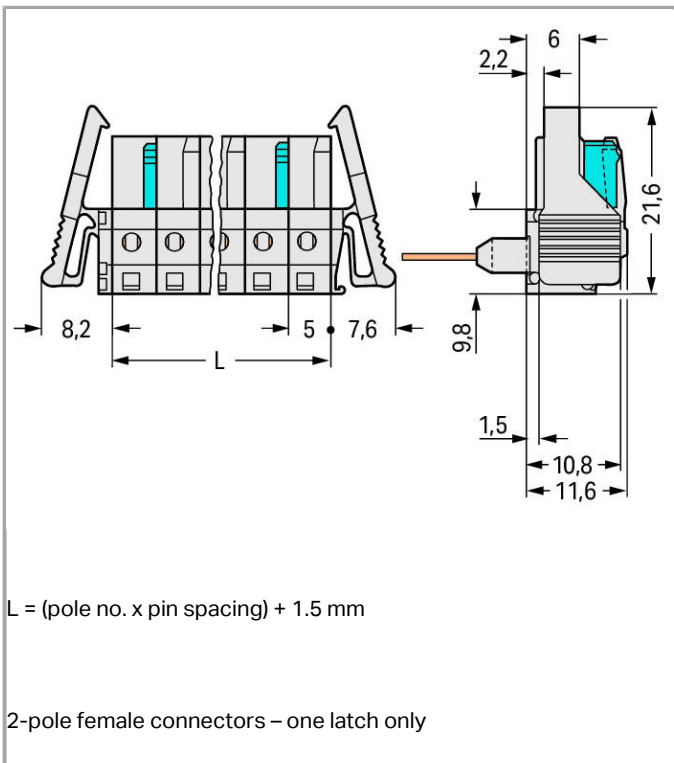
Data sheet | Item number: 722-236/005-000/039-000

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



722-236/005-000/039-000





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 | 26.1 mm / 1.028 inch |
| Height from the surface | 11.6 mm / 0.457 inch |
| Depth | 18.25 mm / 0.719 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 | 0° |

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 | 4044918572484 |
| Customs Tariff No. | 85366990990 |

Approvals / Certificates

Country specific Approvals




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

UL-Approvals





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

Compatible products

check

| | | |
|--|--|---------|
|  | Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable | 210-136 |
|  | Item no.: 210-137 Test plug; 2.3 mm Ø; with 500 mm cable | 210-137 |
|  | Item no.: 231-661 Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing | 231-661 |

General accessories

| | | | |
|--|--|--------------------------|---------|
|  | Item no.: 280-650/056-000 Spacer of same profile; suitable for 3-conductor terminal blocks of horizontal type | /056-000 | 280-650 |
|  | Item no.: 280-654/056-000 Spacer of same profile; suitable for 3- and 4-conductor terminal blocks of angled type | /056-000 | 280-654 |
|  | Item no.: 280-835/056-000 Spacer of same profile; suitable for 4-conductor terminal blocks of horizontal type | /056-000 | 280-835 |
|  | Item no.: 280-902/056-000 Spacer of same profile; suitable for 2-conductor terminal blocks of horizontal type | /056-000 | 280-902 |

tools

| | | |
|--|---|---------|
|  | Item no.: 280-436 Operating tool; of insulating material; 6-way | 280-436 |
|--|---|---------|

Downloads

CAD/CAE - Smart Data

CAD data

| | | |
|-------------------------------------|---------------------|----------|
| 3D Download 722-236/005-000/039-000 | URL | Download |
|-------------------------------------|---------------------|----------|

Subject to changes.