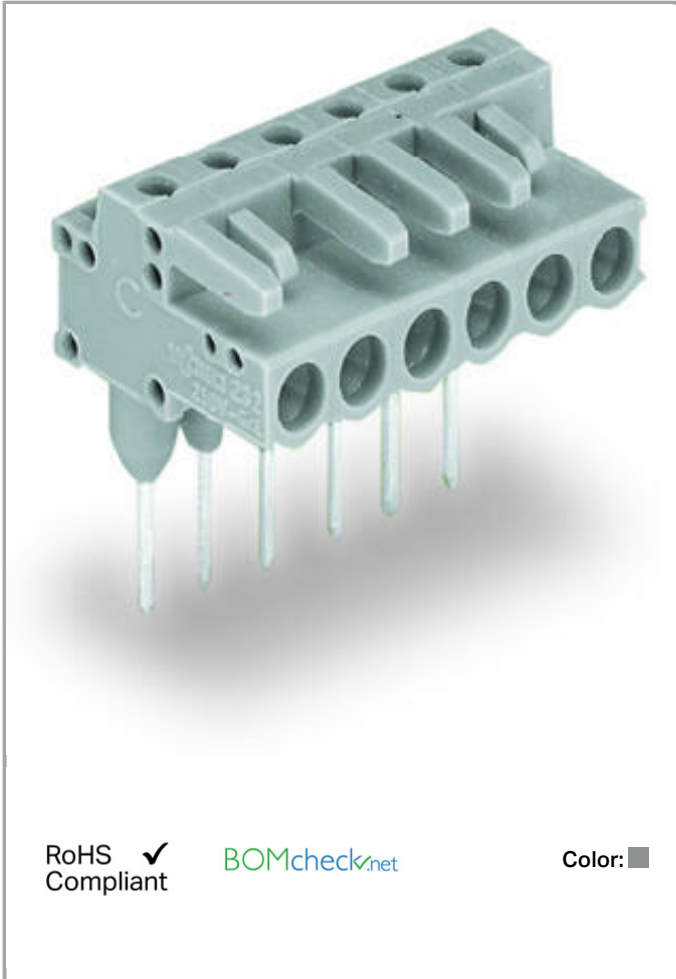


Data sheet | Item number: 232-246/005-000

Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm;
16-pole



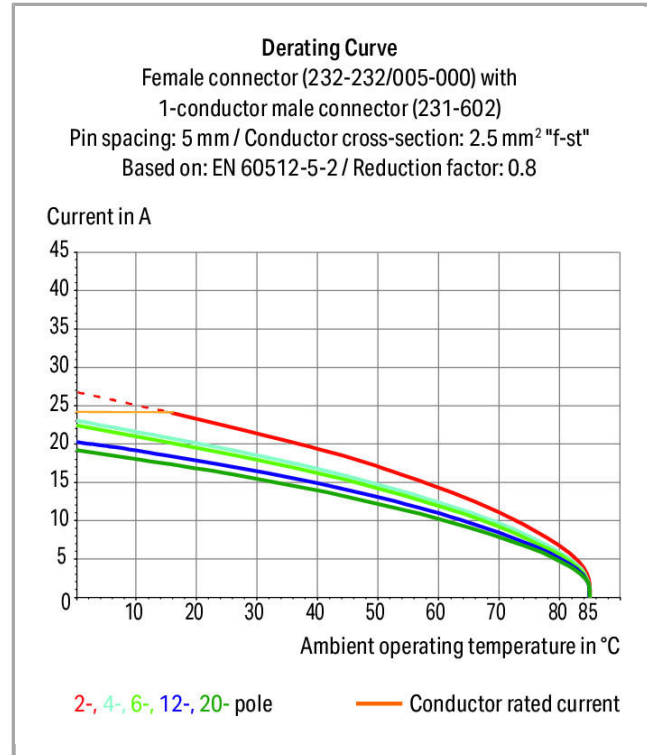
232-246/005-000

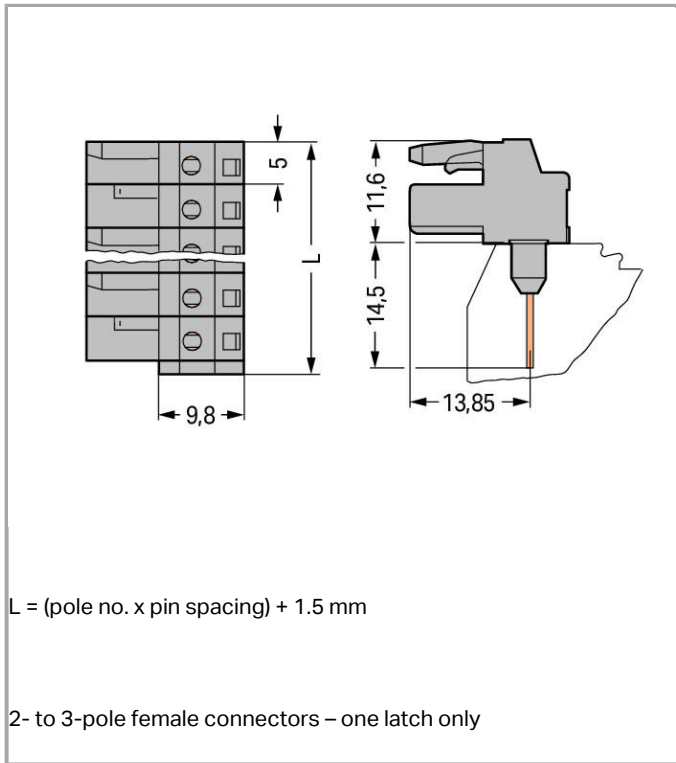


RoHS Compliant

[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
- 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 | 16 |
| Total number of potentials | 16 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|-------------------------|-----------------------|
| Pin spacing | 5 mm / 0.197 inch |
| Width | 81.5 mm / 3.209 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 | No |
| Steckrichtung zur Reihenklemme | 0° |

Material Data

| | |
|-------|------|
| Color | 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 | 0.297 MJ |
| Weight | 16.5 g |

Environmental Requirements




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

Commercial data

| | |
|--------------------|------------------------|
| Product Group | 3 (Multi Conn. System) |
| Country of origin | DE |
| GTIN | 4044918570053 |
| Customs Tariff No. | 85366990990 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------------|--------------------------|------------------|
| | CB DEKRA Certification B.V. | IEC 61984 | NL-39756 |
|  | CSA DEKRA Certification B.V. | C22.2 | 1466354 |
|  | CSA DEKRA Certification B.V. | C22.2 | 1466354 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 61984 | 2190761.01 |

Compatible products

check



Item no.: 231-661

Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing

231-661

Subject to changes.