

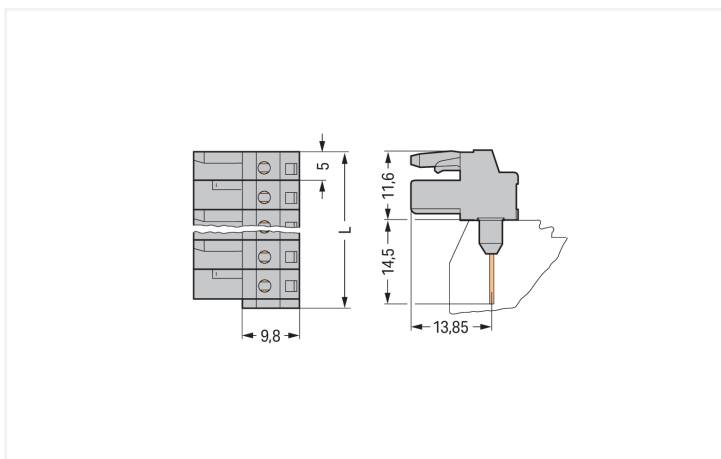
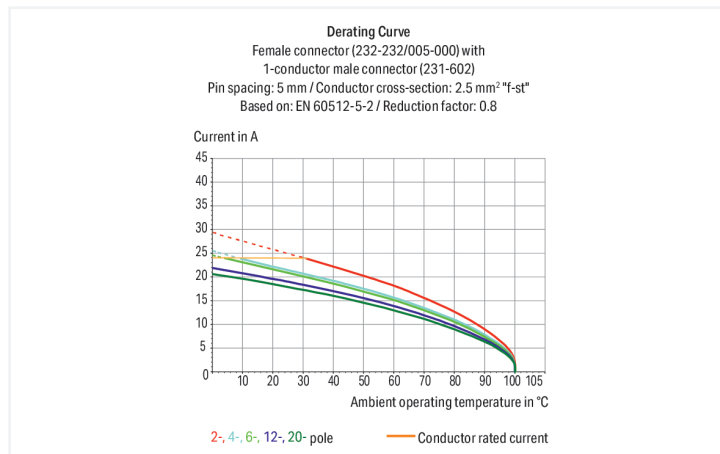
Data Sheet | Item Number: 232-233/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 3-pole; gray

<https://www.wago.com/232-233/005-000>



Color: ■ gray



Dimensions in mm

L = (pole no. x pin spacing) + 1.5 mm 2- to 3-pole female connectors – one latch only

Female connector, 232 Series, with 5 mm pin spacing

Enjoy easy electrical installations with this female connector (item number 232-233/005-000). The dimensions are (16.5 x 26.1 x 11.6) mm (width x height x depth).

The contact surface is coated with tin.

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 impulse withstand 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

| | |
|----------------------------|---|
| Clamping units | 3 |
| Total number of potentials | 3 |
| Number of connection types | 1 |
| Number of levels | 1 |

Connection 1

| | |
|-------------|---|
| Pole number | 3 |
|-------------|---|

Physical data

| | |
|-------------------------|------------------------|
| Pin spacing | 5 mm / 0.197 inches |
| Width | 16.5 mm / 0.65 inches |
| Height | 26.1 mm / 1.028 inches |
| Height from the surface | 11.6 mm / 0.457 inches |
| Depth | 11.6 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 | No |
| Mating direction to the rail-mount terminal block | 0° |

Material data

| | |
|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | gray |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Contact material | Copper alloy |
| Contact Plating | Tin |
| Fire load | 0.056 MJ |
| Weight | 3.2 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|------------------------|
| Product Group | 3 (Multi Conn. System) |
| PU (SPU) | 100 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4044918569965 |
| Customs tariff number | 85366990990 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 39121409 |
| eCl@ss 10.0 | 27-14-11-06 |
| eCl@ss 9.0 | 27-14-11-06 |
| ETIM 9.0 | EC001284 |
| ETIM 10.0 | EC001284 |
| ECCN | NO US CLASSIFICATION |

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-113351 |
| CSA DEKRA Certification B.V. | C22.2 | 1466354 |
| KEMA/KEUR DEKRA Certification B.V. | EN 61984 | 71-130478 REV.1 |
| UL Underwriters Laboratories Inc. | UL 1059 | E45172 |

Approvals for marine applications



| Approval | Standard | Certificate Name |
|---------------------------|-----------|------------------|
| BV Bureau Veritas S.A. | IEC 60998 | 11915/E0 BV |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
232-233/005-000



Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB



CAD/CAE-Data

CAE data

EPLAN Data Portal
232-233/005-000



1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



Item No.: 231-603

1-conductor male connector; CAGE
CLAMP®; 2.5 mm²; Pin spacing 5 mm; 3-
pole; 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