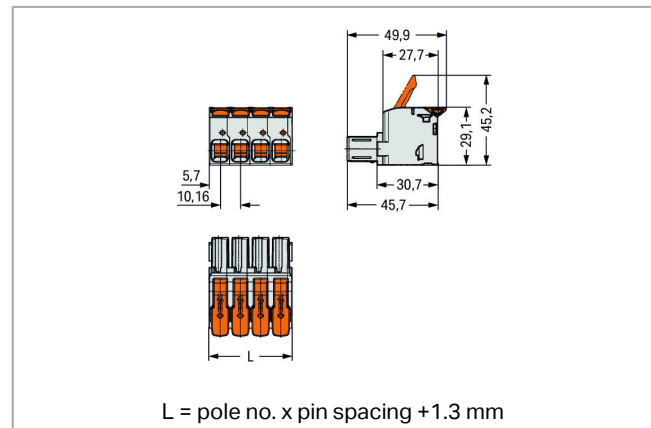
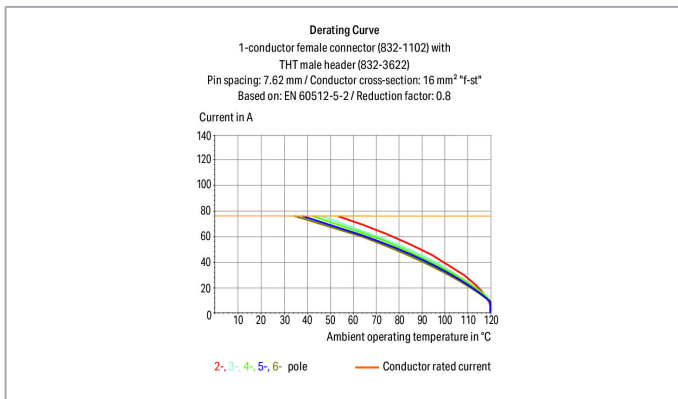
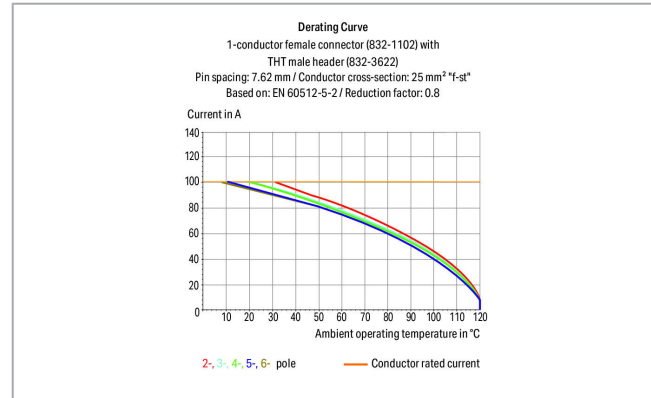
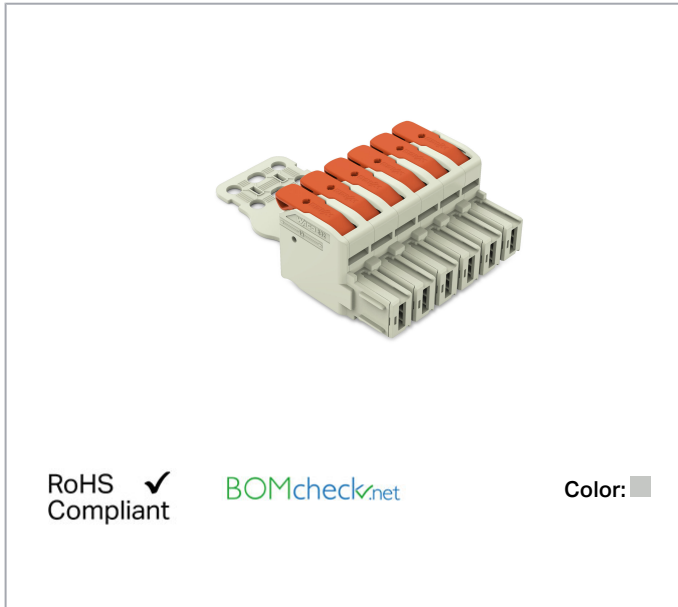


## Data sheet | Item number: 832-1106/334-000

1-conductor female plug; 100% protected against mismatching; lever; Silver-plated contacts; Strain relief plate; 16 mm<sup>2</sup>; Pin spacing 10.16 mm; 6-pole; 16,00 mm<sup>2</sup>; light gray



[www.wago.com/832-1106/334-000](http://www.wago.com/832-1106/334-000)



### Item description

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100% protected against mismatching
- Coding option available

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

**Safety information 1:**

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. The circuit design should ensure header pins, which can be touched, are not live when unmated.

**Data****Electrical data****Ratings per IEC/EN**

|                             |  |
|-----------------------------|--|
| Ratings per                 | IEC/EN 60664-1   |
| Nominal voltage (III/3)     | 1000 V   |
| Rated surge voltage (III/3) | 8 kV   |
| Rated voltage (III/2)       | 1000 V   |
| Rated surge voltage (III/2) | 8 kV   |
| Nominal voltage (II/2)      | 1000 V   |
| Rated surge voltage (II/2)  | 8 kV   |
| Rated current               | 76 A   |
| Legend (ratings)            | (III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2 |

**Ratings per UL**

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 600 V   |
| Rated current UL (Use Group B) | 66 A    |
| Rated voltage UL (Use Group C) | 600 V   |
| Rated current UL (Use Group C) | 66 A    |

**Ratings per UL**

|                       |       |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 85 A  |

**Ratings per CSA**

|                                 |       |
|---------------------------------|-------|
| Approvals per                   | CSA   |
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 66 A  |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 66 A  |

Subject to changes. Please also observe the further product documentation!

## Connection data

|   |  |
|---|--|
| Connection technology                             | Push-in CAGE CLAMP®                        |
| Actuation type                                    | Lever                                      |
| Solid conductor                                   | 0.75 ... 16 mm <sup>2</sup> / 18 ... 4 AWG |
| Fine-stranded conductor                           | 0.75 ... 25 mm <sup>2</sup> / 18 ... 4 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0.75 ... 16 mm <sup>2</sup>                |
| Fine-stranded conductor; with uninsulated ferrule | 0.75 ... 16 mm <sup>2</sup>                |
| Strip length                                      | 18 ... 20 mm / 0.71 ... 0.79 inch          |
| Pole No.  | 6  |
| Total number of potentials                        | 6  |
| Number of connection types                        | 1  |
| Number of levels                                  | 1  |

## Physical data

|             |                       |
|-------------|-----------------------|
| Pin spacing | 10.16 mm / 0.4 inch   |
| Width       | 62.26 mm / 2.451 inch |
| Height      | 29.1 mm / 1.146 inch  |
| Depth       | 110.8 mm / 4.362 inch |

## Plug-in connection

|                                    |                         |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type)        | for conductor           |
| Mismating protection               | Yes                     |

## Material data

|  |  |
|--|--|
| Color  | light gray                             |
| Material group                                       | I                                      |
| Insulation material                                  | Polybutylene terephthalate (PBT)       |
| Flammability class per UL94                          | V0                                     |
| Clamping spring material                             | Chrome nickel spring steel (CrNi)      |
| Material of the additional spring for socket contact | Chrome nickel spring steel (CrNi)      |
| Contact material                                     | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact plating                                      | silver-plated                          |
| Color of actuator                                    | orange                                 |
| Weight   | 85.8 g                                 |

Subject to changes. Please also observe the further product documentation!

## Environmental requirements







|                         |                 |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +120 °C |
|-------------------------|-----------------|

## Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | DE            |
| GTIN                  | 4055143936682 |
| Customs tariff number | 85366990990   |

## Compatible products

### ferrule

|  |  |  |
|--|--|--|
|    | <b>Item no.: 216-210</b><br>Ferrule; Sleeve for 16 mm <sup>2</sup> / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue    | <a href="http://www.wago.com/216-210">www.wago.com/216-210</a> |
|    | <b>Item no.: 216-284</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <a href="http://www.wago.com/216-284">www.wago.com/216-284</a> |
|   | <b>Item no.: 216-286</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue  | <a href="http://www.wago.com/216-286">www.wago.com/216-286</a> |
|  | <b>Item no.: 216-287</b><br>Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray    | <a href="http://www.wago.com/216-287">www.wago.com/216-287</a> |
|  | <b>Item no.: 216-288</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow  | <a href="http://www.wago.com/216-288">www.wago.com/216-288</a> |
|  | <b>Item no.: 216-289</b><br>Ferrule; Sleeve for 10 mm <sup>2</sup> / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red     | <a href="http://www.wago.com/216-289">www.wago.com/216-289</a> |

### Coding

|  |  |  |
|--|--|--|
|  | <b>Item no.: 832-500</b><br>Coding key carrier; orange | <a href="http://www.wago.com/832-500">www.wago.com/832-500</a> |
|--|--|--|

## Downloads

### Documentation

#### Additional Information

|                        |            |               |          |
|------------------------|------------|---------------|----------|
| Technical explanations | 3. 4. 2019 | pdf<br>2.0 MB | Download |
|------------------------|------------|---------------|----------|

Subject to changes. Please also observe the further product documentation!



## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 832-1106/334-000

URL

Download

1-conductor female plug; 100% protected against mismatching; lever; Silver-plated contacts; Strain relief plate; 16 mm<sup>2</sup>; Pin spacing 10.16 mm; 6-pole; 16,00 mm<sup>2</sup>; light gray

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## Installation Notes

### Product family

<i>MCS</i> MAXI 16

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?

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