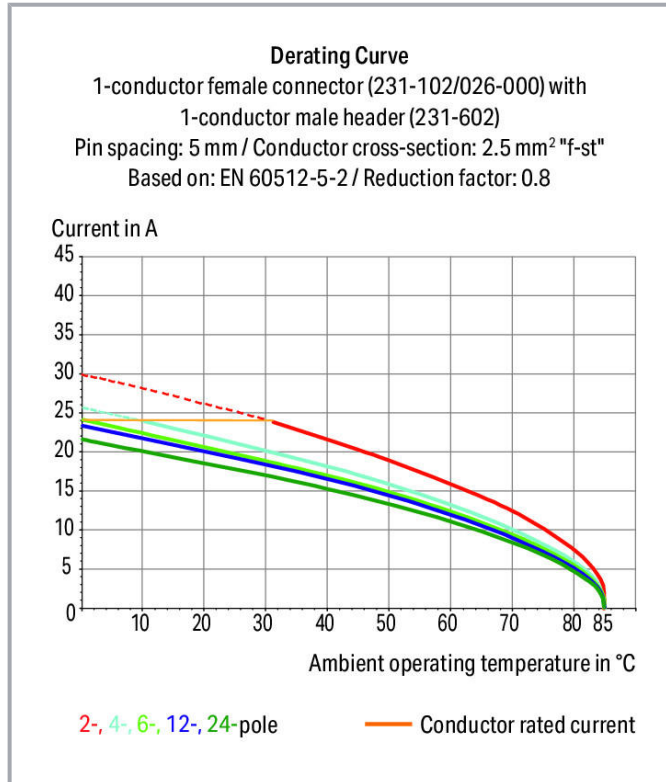
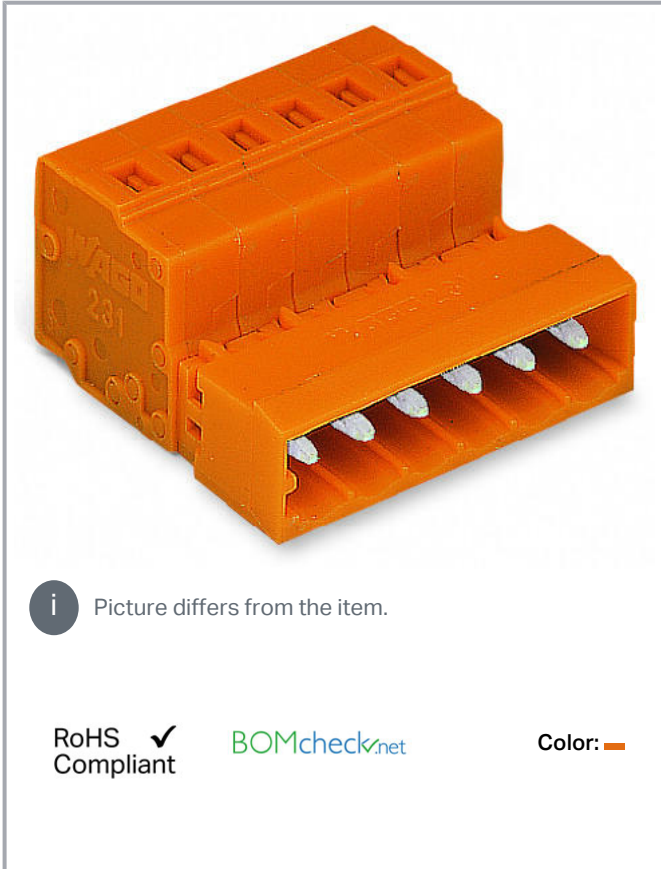


**Data sheet | Item number: 231-637**

1-conductor male connector; 2.5 mm<sup>2</sup>; Pin spacing 5.08 mm; 7-pole; 2,50 mm<sup>2</sup>; orange

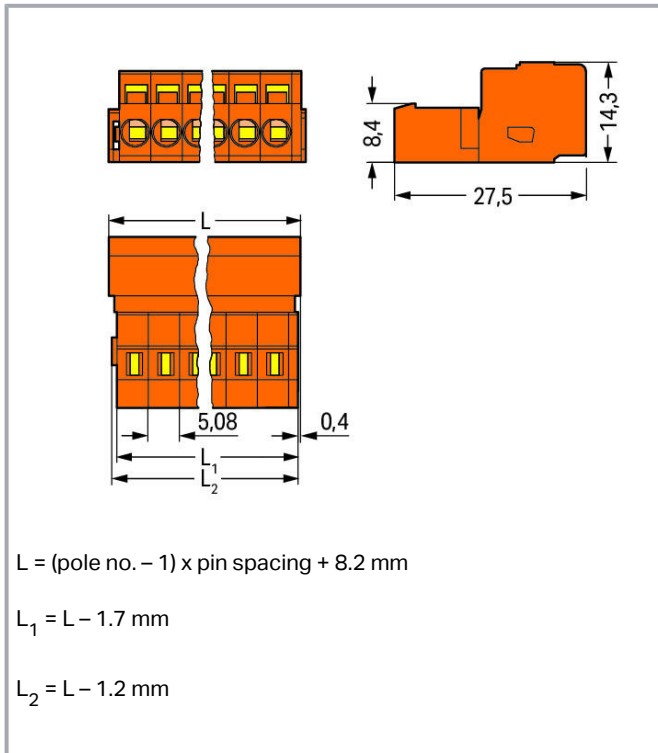
[www.wago.com/231-637](http://www.wago.com/231-637)



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

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## Item description

- Universal connection for all conductor types
- Easy cable pre-assembly and on-unit wiring via vertical and horizontal CAGE CLAMP® actuation
- For wire-to-wire and board-to-wire connections
- Versions available with snap-in mounting feet or flanges for panel or through-panel mounting
- With coding fingers

## 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

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

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|                             |  |
|-----------------------------|--|
| Nominal voltage (III/3)     | 320 V  |
| Rated surge voltage (III/3) | 4 kV   |
| Rated voltage (III/2)       | 320 V  |
| Rated surge voltage (III/2) | 4 kV   |
| Nominal voltage (II/2)      | 630 V  |
| Rated surge voltage (II/2)  | 4 kV   |
| Rated current               | 12 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) | 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    |

### Ratings per UL

|                       |       |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 15 A  |

### Ratings per CSA

|                                 |       |
|---------------------------------|-------|
| 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

|   |  |
|---|--|
| Connection technology                             | CAGE CLAMP <sup>®</sup>                      |
| Actuation type                                    | Operating tool                               |
| Solid conductor                                   | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor                           | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0.25 ... 1.5 mm <sup>2</sup>                 |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm <sup>2</sup>                 |
| Strip length                                      | 8 ... 9 mm / 0.31 ... 0.35 inch              |
| Pole No.  | 7  |

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



|   |    |
|---|----|
| Total number of connection points             | 7  |
| Total number of potentials                    | 7  |
| Number of connection types                    | 1  |
| Number of levels                              | 1  |
| Conductor entry direction to mating direction | 0° |

### Physical data

|             |                       |
|-------------|-----------------------|
| Pin spacing | 5.08 mm / 0.2 inch    |
| Width       | 38.76 mm / 1.526 inch |
| Height      | 14.3 mm / 0.563 inch  |
| Depth       | 27.5 mm / 1.083 inch  |

### Plug-in connection

|                                    |                     |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type)        | for conductor       |
| Mismating protection               | No                  |

### Material data

|                             |  |
|-----------------------------|--|
| Color                       | orange                                 |
| Material group              | I                                      |
| Insulation material         | Polyamide (PA66)                       |
| Flammability class per UL94 | V0                                     |
| Clamping spring material    | Chrome nickel spring steel (CrNi)      |
| Contact material            | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact plating             | tin-plated                             |
| Fire load                   | 0.183 MJ                               |
| Weight                      | 11 g                                   |

### Environmental requirements

|                         |                 |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +100 °C |
|-------------------------|-----------------|

### Commercial data

|                   |                        |
|-------------------|------------------------|
| Product Group     | 3 (Multi Conn. System) |
| Packaging type    | BOX                    |
| Country of origin | DE                     |
| GTIN              | 4044918260237          |

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Customs tariff number




85366990990

## Approvals / Certificates



### Country specific Approvals

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

### Ship Approvals

| Logo  | Approval  | Additional Approval Text | Certificate name         |
|---|---|--------------------------|--------------------------|
|    | <b>ABS</b><br>American Bureau of Shipping               | -                        | 19-<br>HG1869876-<br>PDA |
|   | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE000016Z               |
|  | <b>LR</b><br>Lloyds Register                            | IEC 61984                | 96/20035<br>(E5)         |

### UL-Approvals














| Logo   | Approval                                    | Additional Approval Text | Certificate name |
|--|---|--------------------------|------------------|
|  | <b>UL</b><br>UL International Germany GmbH  | UL 1977                  | E45171           |
|  | <b>UR</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

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## Counterpart

|  |  |  |
|--|--|--|
|    | <b>Item no.2231-307/008-000</b><br>1-conductor female plug; push-button; Snap-in mounting feet; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange     | <a href="http://www.wago.com/2231-307/008-000">www.wago.com/2231-307/008-000</a> |
|    | <b>Item no.2231-307/026-000</b><br>1-conductor female plug; push-button; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange                            | <a href="http://www.wago.com/2231-307/026-000">www.wago.com/2231-307/026-000</a> |
|    | <b>Item no.2231-307/031-000</b><br>1-conductor female plug; push-button; clamping collar; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange           | <a href="http://www.wago.com/2231-307/031-000">www.wago.com/2231-307/031-000</a> |
|    | <b>Item no.231-2307/026-000</b><br>2-conductor female connector; with integrated end plate; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange         | <a href="http://www.wago.com/231-2307/026-000">www.wago.com/231-2307/026-000</a> |
|    | <b>Item no.2231-307/037-000</b><br>1-conductor female plug; push-button; Locking lever; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange             | <a href="http://www.wago.com/2231-307/037-000">www.wago.com/2231-307/037-000</a> |
|    | <b>Item no.2231-307/102-000</b><br>1-conductor female plug; push-button; with integrated end plate; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange | <a href="http://www.wago.com/2231-307/102-000">www.wago.com/2231-307/102-000</a> |
|   | <b>Item no.231-2307/037-000</b><br>2-conductor female connector; Locking lever; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange                     | <a href="http://www.wago.com/231-2307/037-000">www.wago.com/231-2307/037-000</a> |
|  | <b>Item no.231-307/026-000</b><br>1-conductor female plug; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange  | <a href="http://www.wago.com/231-307/026-000">www.wago.com/231-307/026-000</a>   |
|  | <b>Item no.231-307/008-000</b><br>1-conductor female plug; Snap-in mounting feet; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange                   | <a href="http://www.wago.com/231-307/008-000">www.wago.com/231-307/008-000</a>   |
|  | <b>Item no.231-307/027-000</b><br>1-conductor female plug; clamping collar; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange                         | <a href="http://www.wago.com/231-307/027-000">www.wago.com/231-307/027-000</a>   |
|  | <b>Item no.231-307/031-000</b><br>1-conductor female plug; clamping collar; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; 2,50 mm <sup>2</sup> ; orange                         | <a href="http://www.wago.com/231-307/031-000">www.wago.com/231-307/031-000</a>   |
|  | <b>Item no.232-167/031-000</b><br>THT female header; 0.6 x 1.0 mm solder pin; straight; clamping collar; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; orange                   | <a href="http://www.wago.com/232-167/031-000">www.wago.com/232-167/031-000</a>   |
|   | <b>Item no.232-167</b><br>THT female header; 0.6 x 1.0 mm solder pin; straight; 2.5 mm <sup>2</sup> ; Pin spacing 5.08 mm; 7-pole; orange  | <a href="http://www.wago.com/232-167">www.wago.com/232-167</a>                   |

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



**Item no.231-307/037-000**

1-conductor female plug; Locking lever; 2.5 mm<sup>2</sup>; Pin spacing 5.08 mm; 7-pole; 2,50 mm<sup>2</sup>; orange

[www.wago.com/231-307/037-000](http://www.wago.com/231-307/037-000)



**Item no.231-307/102-000**

1-conductor female plug; with integrated end plate; 2.5 mm<sup>2</sup>; Pin spacing 5.08 mm; 7-pole; 2,50 mm<sup>2</sup>; orange

[www.wago.com/231-307/102-000](http://www.wago.com/231-307/102-000)



**Item no.232-167/047-000**

THT female header; 0.6 x 1.0 mm solder pin; straight; Spacer flange; 2.5 mm<sup>2</sup>; Pin spacing 5.08 mm; 7-pole; orange

[www.wago.com/232-167/047-000](http://www.wago.com/232-167/047-000)



**Item no.232-167/039-000**

THT female header; 0.6 x 1.0 mm solder pin; straight; Locking lever; 2.5 mm<sup>2</sup>; Pin spacing 5.08 mm; 7-pole; orange

[www.wago.com/232-167/039-000](http://www.wago.com/232-167/039-000)



**Item no.232-267/031-000**

THT female header; 0.6 x 1.0 mm solder pin; angled; clamping collar; 2.5 mm<sup>2</sup>; Pin spacing 5.08 mm; 7-pole; orange

[www.wago.com/232-267/031-000](http://www.wago.com/232-267/031-000)



**Item no.232-267**

THT female header; 0.6 x 1.0 mm solder pin; angled; 2.5 mm<sup>2</sup>; Pin spacing 5.08 mm; 7-pole; orange

[www.wago.com/232-267](http://www.wago.com/232-267)

## Compatible products

### ferrule



**Item no.: 216-101**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-101](http://www.wago.com/216-101)



**Item no.: 216-102**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-102](http://www.wago.com/216-102)



**Item no.: 216-103**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

[www.wago.com/216-103](http://www.wago.com/216-103)



**Item no.: 216-104**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-104](http://www.wago.com/216-104)



**Item no.: 216-106**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-106](http://www.wago.com/216-106)



**Item no.: 216-121**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-121](http://www.wago.com/216-121)



**Item no.: 216-122**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-122](http://www.wago.com/216-122)



**Item no.: 216-123**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-123](http://www.wago.com/216-123)

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

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|  |   |  |
|--|---|--|
|    | <b>Item no.: 216-124</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated   | <a href="http://www.wago.com/216-124">www.wago.com/216-124</a> |
|    | <b>Item no.: 216-131</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored  | <a href="http://www.wago.com/216-131">www.wago.com/216-131</a> |
|    | <b>Item no.: 216-132</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-132">www.wago.com/216-132</a> |
|    | <b>Item no.: 216-141</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92                 | <a href="http://www.wago.com/216-141">www.wago.com/216-141</a> |
|    | <b>Item no.: 216-142</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92                | <a href="http://www.wago.com/216-142">www.wago.com/216-142</a> |
|    | <b>Item no.: 216-143</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92                   | <a href="http://www.wago.com/216-143">www.wago.com/216-143</a> |
|    | <b>Item no.: 216-144</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored | <a href="http://www.wago.com/216-144">www.wago.com/216-144</a> |
|    | <b>Item no.: 216-151</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-151">www.wago.com/216-151</a> |
|    | <b>Item no.: 216-152</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-152">www.wago.com/216-152</a> |
|  | <b>Item no.: 216-201</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; white  | <a href="http://www.wago.com/216-201">www.wago.com/216-201</a> |
|  | <b>Item no.: 216-202</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray  | <a href="http://www.wago.com/216-202">www.wago.com/216-202</a> |
|  | <b>Item no.: 216-203</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; red  | <a href="http://www.wago.com/216-203">www.wago.com/216-203</a> |
|  | <b>Item no.: 216-204</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; black  | <a href="http://www.wago.com/216-204">www.wago.com/216-204</a> |
|  | <b>Item no.: 216-221</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; white  | <a href="http://www.wago.com/216-221">www.wago.com/216-221</a> |
|  | <b>Item no.: 216-222</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray  | <a href="http://www.wago.com/216-222">www.wago.com/216-222</a> |
|  | <b>Item no.: 216-223</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; red  | <a href="http://www.wago.com/216-223">www.wago.com/216-223</a> |
|  | <b>Item no.: 216-224</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; black  | <a href="http://www.wago.com/216-224">www.wago.com/216-224</a> |
|  | <b>Item no.: 216-241</b>  |  |

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


|   |  |  |
|---|--|--|
|    | Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white                             | <a href="http://www.wago.com/216-241">www.wago.com/216-241</a> |
|    | <b>Item no.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <a href="http://www.wago.com/216-242">www.wago.com/216-242</a> |
|    | <b>Item no.: 216-243</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red     | <a href="http://www.wago.com/216-243">www.wago.com/216-243</a> |
|    | <b>Item no.: 216-244</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/216-244">www.wago.com/216-244</a> |
|    | <b>Item no.: 216-262</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <a href="http://www.wago.com/216-262">www.wago.com/216-262</a> |
|    | <b>Item no.: 216-263</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red     | <a href="http://www.wago.com/216-263">www.wago.com/216-263</a> |
|    | <b>Item no.: 216-264</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/216-264">www.wago.com/216-264</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.: 216-301</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow   | <a href="http://www.wago.com/216-301">www.wago.com/216-301</a> |
|  | <b>Item no.: 216-302</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; green  | <a href="http://www.wago.com/216-302">www.wago.com/216-302</a> |
|   | <b>Item no.: 216-321</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow   | <a href="http://www.wago.com/216-321">www.wago.com/216-321</a> |
|  | <b>Item no.: 216-322</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; green  | <a href="http://www.wago.com/216-322">www.wago.com/216-322</a> |
| <b>Jumper</b>   |  |  |
|  | <b>Item no.: 231-902</b><br>Jumper; for conductor entry; gray  | <a href="http://www.wago.com/231-902">www.wago.com/231-902</a> |
|  | <b>Item no.: 231-903</b><br>Jumper; for conductor entry; 3-way; insulated; gray  | <a href="http://www.wago.com/231-903">www.wago.com/231-903</a> |
|  | <b>Item no.: 231-905</b><br>Jumper; for conductor entry; 5-way; insulated; gray  | <a href="http://www.wago.com/231-905">www.wago.com/231-905</a> |
|  | <b>Item no.: 231-907</b><br>Jumper; for conductor entry; 7-way; insulated; gray  | <a href="http://www.wago.com/231-907">www.wago.com/231-907</a> |
|  | <b>Item no.: 231-910</b><br>Jumper; for conductor entry; 10-way; insulated; gray   | <a href="http://www.wago.com/231-910">www.wago.com/231-910</a> |

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


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**General accessories**



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|  | <b>Item no.: 231-669</b><br>Lockout caps; for covering unused clamping units; orange | <a href="http://www.wago.com/231-669">www.wago.com/231-669</a> |
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**tools**

|   |  |  |
|---|--|--|
|  | <b>Item no.: 209-130</b><br>Operating tool; suitable for 264, 280 and 281 Series; 1-way; of insulating material; white | <a href="http://www.wago.com/209-130">www.wago.com/209-130</a> |
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|---|---|--|
|  | <b>Item no.: 209-132</b><br>Operating tool; for connecting comb-style jumper bar; 2-way; of insulating material | <a href="http://www.wago.com/209-132">www.wago.com/209-132</a> |
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|  | <b>Item no.: 210-657</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured | <a href="http://www.wago.com/210-657">www.wago.com/210-657</a> |
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|  |  |  |
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|  | <b>Item no.: 210-720</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a> |
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|  | <b>Item no.: 231-131</b><br>Push-button; loose | <a href="http://www.wago.com/231-131">www.wago.com/231-131</a> |
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|  | <b>Item no.: 231-291</b><br>Operating tool; loose; red | <a href="http://www.wago.com/231-291">www.wago.com/231-291</a> |
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|  | <b>Item no.: 280-432</b><br>Operating tool; made of insulating material; 2-way; white | <a href="http://www.wago.com/280-432">www.wago.com/280-432</a> |
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|  | <b>Item no.: 280-433</b><br>Operating tool; made of insulating material; 3-way | <a href="http://www.wago.com/280-433">www.wago.com/280-433</a> |
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|  | <b>Item no.: 280-434</b><br>Operating tool; made of insulating material; 4-way | <a href="http://www.wago.com/280-434">www.wago.com/280-434</a> |
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|  | <b>Item no.: 280-435</b><br>Operating tool; made of insulating material; 5-way; gray | <a href="http://www.wago.com/280-435">www.wago.com/280-435</a> |
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|  | <b>Item no.: 280-436</b><br>Operating tool; made of insulating material; 6-way | <a href="http://www.wago.com/280-436">www.wago.com/280-436</a> |
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|  | <b>Item no.: 280-437</b><br>Operating tool; made of insulating material; 7-way | <a href="http://www.wago.com/280-437">www.wago.com/280-437</a> |
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|  | <b>Item no.: 280-438</b><br>Operating tool; made of insulating material; 8-way | <a href="http://www.wago.com/280-438">www.wago.com/280-438</a> |
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|---|---|--|
|  | <b>Item no.: 280-440</b><br>Operating tool; made of insulating material; 10-way | <a href="http://www.wago.com/280-440">www.wago.com/280-440</a> |
|---|---|--|

**Coding**

|   |  |  |
|---|--|--|
|  | <b>Item no.: 231-129</b><br>Coding key; snap-on type; light gray | <a href="http://www.wago.com/231-129">www.wago.com/231-129</a> |
|---|--|--|

**Marking accessories**

**Item no.: 210-331/508-103**

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

Marking strips; as a DIN A4 sheet; MARKED; 1-12 (200x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-331/508-103](http://www.wago.com/210-331/508-103)

**Item no.: 210-331/508-104**

Marking strips; as a DIN A4 sheet; MARKED; 13-24 (200x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-331/508-104](http://www.wago.com/210-331/508-104)

**Item no.: 210-332/508-202**

Marking strips; as a DIN A4 sheet; MARKED; 1-16 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-332/508-202](http://www.wago.com/210-332/508-202)

**Item no.: 210-332/508-204**

Marking strips; as a DIN A4 sheet; MARKED; 17-32 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-332/508-204](http://www.wago.com/210-332/508-204)

**Item no.: 210-332/508-205**

Marking strips; as a DIN A4 sheet; MARKED; 1-32 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-332/508-205](http://www.wago.com/210-332/508-205)

**Item no.: 210-332/508-206**

Marking strips; as a DIN A4 sheet; MARKED; 33-48 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-332/508-206](http://www.wago.com/210-332/508-206)

**Item no.: 210-833**

Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white

[www.wago.com/210-833](http://www.wago.com/210-833)

**Item no.: 210-834**

Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

[www.wago.com/210-834](http://www.wago.com/210-834)

**Strain relief plate**

**Item no.: 232-637**

Strain relief housing

[www.wago.com/232-637](http://www.wago.com/232-637)

**Insulation stop**

**Item no.: 231-670**

Insulation stop; 0.08-0.2 mm<sup>2</sup> / 0.2 mm<sup>2</sup> "s"; white

[www.wago.com/231-670](http://www.wago.com/231-670)

**Item no.: 231-671**

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; light gray

[www.wago.com/231-671](http://www.wago.com/231-671)

**Item no.: 231-672**

Insulation stop; 0.75 - 1 mm<sup>2</sup>; dark gray

[www.wago.com/231-672](http://www.wago.com/231-672)

**Downloads**

**Documentation**

**Additional Information**

Technical explanations

2019 Apr 3

pdf  
2.0 MB

Download

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.

## CAD/CAE-Data

### CAD data

|                      |                     |                          |
|----------------------|---------------------|--------------------------|
| 2D/3D Models 231-637 | <a href="#">URL</a> | <a href="#">Download</a> |
|----------------------|---------------------|--------------------------|

### CAE data

|                           |                     |                          |
|---------------------------|---------------------|--------------------------|
| EPLAN Data Portal 231-637 | <a href="#">URL</a> | <a href="#">Download</a> |
|---------------------------|---------------------|--------------------------|

|                      |                     |                          |
|----------------------|---------------------|--------------------------|
| ZUKEN Portal 231-637 | <a href="#">URL</a> | <a href="#">Download</a> |
|----------------------|---------------------|--------------------------|

## Environmental Product Compliance

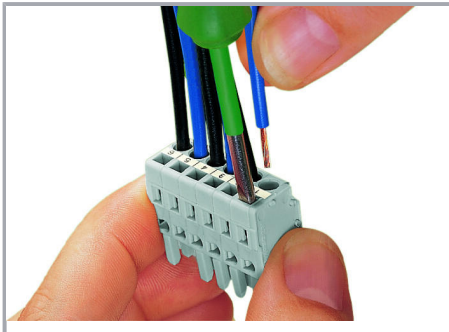
### Compliance Search

|  |                     |                          |
|--|---------------------|--------------------------|
| Environmental Product Compliance 231-637 | <a href="#">URL</a> | <a href="#">Download</a> |
|--|---------------------|--------------------------|

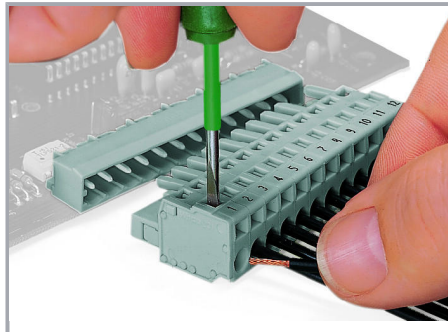
1-conductor male connector; 2.5 mm<sup>2</sup>; Pin spacing 5.08 mm; 7-pole; 2,50 mm<sup>2</sup>; orange

## Installation Notes

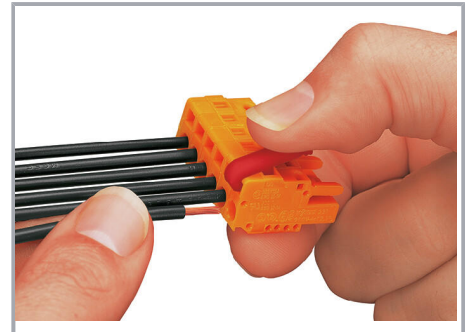
### Conductor termination



Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation parallel to conductor entry.

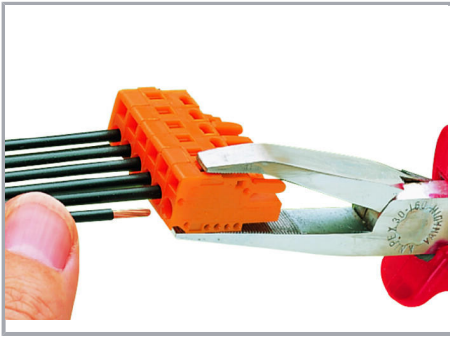


Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation perpendicular to conductor entry.



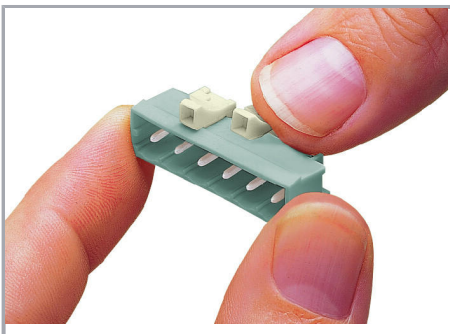
Inserting a conductor into CAGE CLAMP® unit via operating lever (231-291).

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



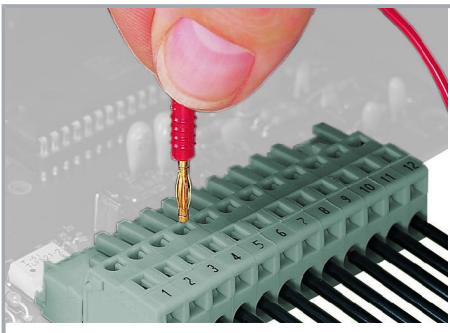
Inserting a conductor via operating tool.

### Coding



Coding a male header – fitting coding key(s).

### Testing

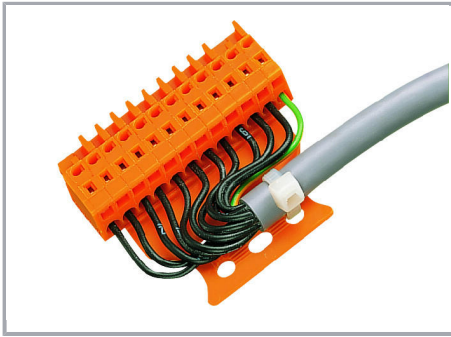


Testing – female connector with CAGE CLAMP®

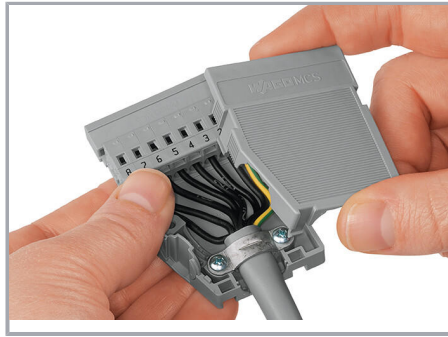
Integrated test ports for testing perpendicular to conductor entry via 2 or 2.3 mm Ø test plug

### Installation

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

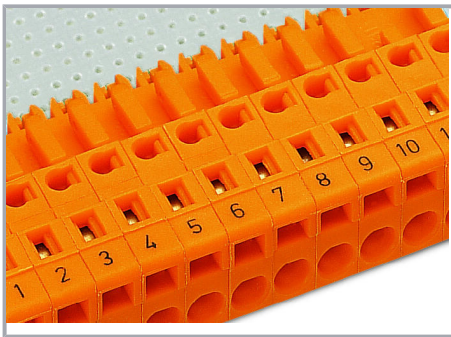


Male connector with strain relief plate



Strain relief housing shown with a male connector equipped with CAGE CLAMP®

### Marking



Labeling via direct marking or self-adhesive strips.

### Product family

*MCS* MIDI Classic

[Show all products from the family](#)

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