

**Data sheet | Item number: 721-116/026-000**

1-conductor female connector; CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 5 mm;  
16-pole; 100% protected against mismatching; 2,50 mm<sup>2</sup>; light gray

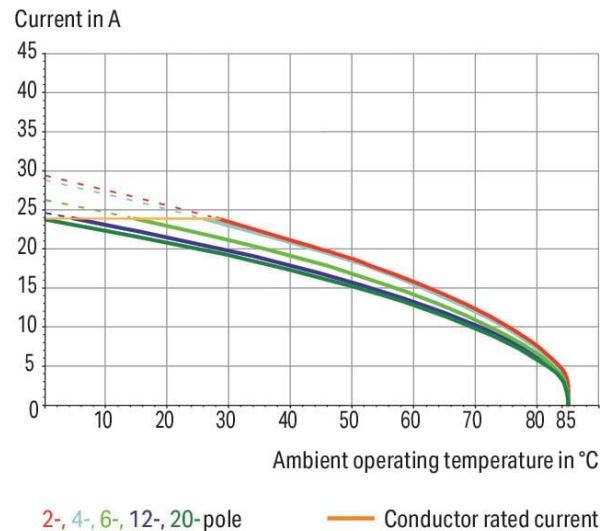
[www.wago.com/721-116/026-000](http://www.wago.com/721-116/026-000)



 Picture differs from the item.

Color: 

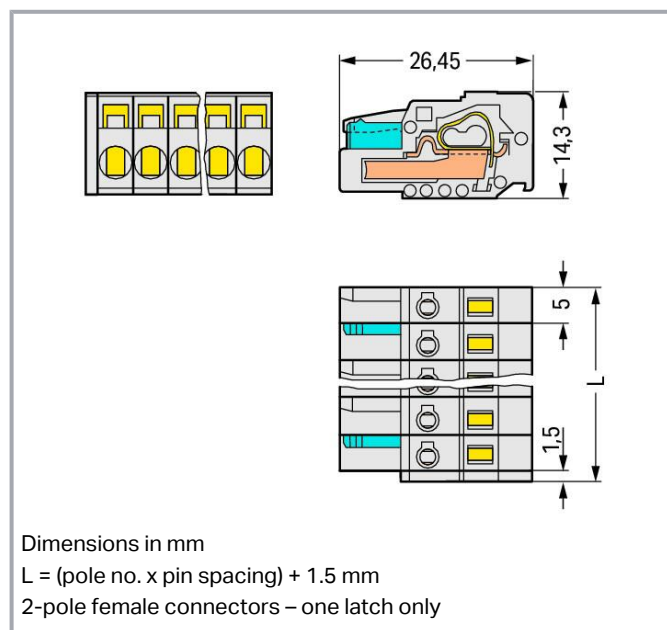
**Derating Curve**  
1-conductor female connector (721-102/026-000) with  
THT male header (721-132/001-000)  
Pin spacing: 5 mm / Conductor cross-section: 2.5 mm<sup>2</sup> "f-st"  
Based on: EN 60512-5-2 / Reduction factor: 0.8



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
- Integrated test ports
- 100% protected against mismating
- Coding option available

## Data

### 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  
 Gold-plated or partially gold-plated contact surfaces  
 Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

## Electrical data

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

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## Ratings per IEC/EN

| Ratings per                   | IEC/EN 60664-1                                                    |
|-------------------------------|-------------------------------------------------------------------|
| Nominal 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                                                              |
| Nominal voltage (II/2)        | 630 V                                                             |
| Rated surge voltage (II/2)    | 4 kV                                                              |
| Rated current                 | 16 A                                                              |
| Legend (ratings)              | (III / 2) $\hat{=}$ 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 1977

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

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



## Connection 1

|                                                   |                                            |
|---------------------------------------------------|--------------------------------------------|
| Connection technology                             | CAGE CLAMP®                                |
| Actuation type                                    | Operating tool                             |
| Actuation direction 1                             | Operation parallel to conductor entry      |
| Actuation direction 2                             | Operation perpendicular to conductor entry |
| Solid conductor                                   | 0.08 ... 2.5 mm² / 28 ... 12 AWG           |
| Fine-stranded conductor                           | 0.08 ... 2.5 mm² / 28 ... 12 AWG           |
| Fine-stranded conductor; with insulated ferrule   | 0.25 ... 1.5 mm²                           |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm²                           |
| Strip length                                      | 8 ... 9 mm / 0.31 ... 0.35 inches          |
| Pole number                                       | 16                                         |
| Conductor entry direction to mating direction     | 0°                                         |

## Physical data

|             |                         |
|-------------|-------------------------|
| Pin spacing | 5 mm / 0.197 inches     |
| Width       | 81.5 mm / 3.209 inches  |
| Height      | 14.3 mm / 0.563 inches  |
| Depth       | 26.45 mm / 1.041 inches |

## Mechanical Data

|                          |     |
|--------------------------|-----|
| Variable coding          | Yes |
| Anti-rotation protection | Yes |

## Plug-in connection

|                                      |                         |
|--------------------------------------|-------------------------|
| Contact type (pluggable connector)   | Female connector/socket |
| Connector (connection type)          | for conductor           |
| Mismating protection                 | Yes                     |
| Plugging without loss of pin spacing | No                      |
| Locking of plug-in connection        | none                    |

## Material data

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Note (material data) | Information on material specifications can be found here |
| Color                | light gray                                               |
| Material group       | I                                                        |

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



|                             |                                   |
|-----------------------------|-----------------------------------|
| Insulation material         | Polyamide (PA66)                  |
| Flammability class per UL94 | V0                                |
| Clamping spring material    | Chrome-nickel spring steel (CrNi) |
| Contact material            | Copper alloy                      |
| Contact plating             | Tin                               |
| Fire load                   | 0.394 MJ                          |
| Weight                      | 28.2 g                            |

## Environmental requirements

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

## Commercial data

|                       |                        |
|-----------------------|------------------------|
| Product Group         | 3 (Multi Conn. System) |
| eCl@ss 10.0           | 27-44-03-09            |
| eCl@ss 9.0            | 27-44-03-09            |
| ETIM 8.0              | EC002638               |
| ETIM 7.0              | EC002638               |
| PU (SPU)              | 25 pcs                 |
| Packaging type        | box                    |
| Country of origin     | DE                     |
| GTIN                  | 4044918355933          |
| Customs tariff number | 85366990990            |

## Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

## Approvals / Certificates

### General approvals

| Logo                                                                               | Approval                             | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------------|------------------|
|  | CSA<br>DEKRA Certification B.V.      | C22.2                    | 1466354          |
|                                                                                    | UL<br>Underwriters Laboratories Inc. | UL 1977                  | E45171           |

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



|                                |         |        |
|--------------------------------|---------|--------|
| UL                             | UL 1059 | E45172 |
| Underwriters Laboratories Inc. |         |        |

#### Declarations of conformity and manufacturer's declarations

| Logo                                                                             | Approval                             | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------------|------------------|
|  | <b>Railway</b><br>WAGO GmbH & Co. KG | -                        | Railway Ready    |

#### Approvals for marine applications

| Logo                                                                                | Approval                                  | Additional Approval Text | Certificate name |
|-------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|------------------|
|    | <b>ABS</b><br>American Bureau of Shipping | -                        | 19-HG1869876-PDA |
|  | <b>BV</b><br>Bureau Veritas S.A.          | IEC 60998                | 11915/DO BV      |
|   | <b>DNV</b><br>DNV GL SE                   | -                        | TAE000016Z       |

#### Counterpart



|                                                                                                                               |                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Item no.721-146/001-000</b>                                                                                                | <a href="http://www.wago.com/721-146/001-000">www.wago.com/721-146/001-000</a> |
| THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray |                                                                                |



|                                                                                                                               |                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Item no.721-146/046-000</b>                                                                                                | <a href="http://www.wago.com/721-146/046-000">www.wago.com/721-146/046-000</a> |
| THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray |                                                                                |



**Item no.721-176/003-000**

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Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray [www.wago.com/721-176/003-000](http://www.wago.com/721-176/003-000)



**Item no. 721-176/001-000**  
THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray [www.wago.com/721-176/001-000](http://www.wago.com/721-176/001-000)



**Item no. 721-446/001-000**  
THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray [www.wago.com/721-446/001-000](http://www.wago.com/721-446/001-000)



**Item no. 721-476/001-000**  
THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray [www.wago.com/721-476/001-000](http://www.wago.com/721-476/001-000)



**Item no. 721-616**  
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 16-pole; 100% protected against mismatching; 2,50 mm²; light gray [www.wago.com/721-616](http://www.wago.com/721-616)



**Item no. 721-616/018-000**  
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 16-pole; 100% protected against mismatching; DIN-35 rail/panel mounting; Snap-in mounting feet; 2,50 mm²; light gray [www.wago.com/721-616/018-000](http://www.wago.com/721-616/018-000)



**Item no. 721-616/019-000**  
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 16-pole; 100% protected against mismatching; clamping collar; 2,50 mm²; light gray [www.wago.com/721-616/019-000](http://www.wago.com/721-616/019-000)



**Item no. 721-616/114-000**  
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 16-pole; 100% protected against mismatching; Snap-in flange; 2,50 mm²; light gray [www.wago.com/721-616/114-000](http://www.wago.com/721-616/114-000)

## Optional accessories

### Ferrule

#### Ferrule



**Item no.: 216-101**  
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored [www.wago.com/216-101](http://www.wago.com/216-101)



**Item no.: 216-104**  
Ferrule; Sleeve for 1.5 mm² / 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 mm² / AWG 14; uninsulated; electro-tin plated; silver-colored [www.wago.com/216-106](http://www.wago.com/216-106)



**Item no.: 216-102**  
Ferrule; Sleeve for 0.75 mm² / 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 mm² / AWG 18; uninsulated; electro-tin plated [www.wago.com/216-103](http://www.wago.com/216-103)

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|                                                                                   |                                                                                                                                                                                                       |                                                                |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|    | <b>Item no.: 216-123</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored                                                                           | <a href="http://www.wago.com/216-123">www.wago.com/216-123</a> |
|    | <b>Item no.: 216-122</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored                                                                        | <a href="http://www.wago.com/216-122">www.wago.com/216-122</a> |
|    | <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.: 216-142</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.: 216-132</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.: 216-121</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored                                                                         | <a href="http://www.wago.com/216-121">www.wago.com/216-121</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.: 216-131</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.: 216-141</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.: 216-152</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.: 216-203</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.: 216-202</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.: 216-151</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.: 216-204</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.: 216-144</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.: 216-201</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.: 216-223</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.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight                                                            | <a href="http://www.wago.com/216-241">www.wago.com/216-241</a> |

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

crimped; acc. to DIN 46228, Part 4/09.90; white

|                                                                                   |                                                                                                                                                                                            |                                                                |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|    | <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.: 216-222</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.: 216-221</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.: 216-224</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.: 216-243</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.: 216-263</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.: 216-262</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.: 216-301</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.: 216-321</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; light turquoise                                                              | <a href="http://www.wago.com/216-322">www.wago.com/216-322</a> |
|  | <b>Item no.: 216-302</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise                                                              | <a href="http://www.wago.com/216-302">www.wago.com/216-302</a> |

#### Marking accessories

##### Marking strip

|                                                                                    |                                                                                                                                                                                                     |                                                                                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|  | <b>Item no.: 210-331/500-103</b><br>Marking strips; as a DIN A4 sheet; MARKED; 1-12 (300x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white  | <a href="http://www.wago.com/210-331/500-103">www.wago.com/210-331/500-103</a> |
|  | <b>Item no.: 210-331/500-104</b><br>Marking strips; as a DIN A4 sheet; MARKED; 13-24 (300x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white | <a href="http://www.wago.com/210-331/500-104">www.wago.com/210-331/500-104</a> |

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**Item no.: 210-332/500-202**

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/210-332/500-202](http://www.wago.com/210-332/500-202)

**Item no.: 210-332/500-206**

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/210-332/500-206](http://www.wago.com/210-332/500-206)

**Item no.: 210-332/500-205**

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/210-332/500-205](http://www.wago.com/210-332/500-205)

**Item no.: 210-332/500-204**

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/210-332/500-204](http://www.wago.com/210-332/500-204)

**Testing and measuring**

## Testing accessories

**Item no.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

[www.wago.com/210-136](http://www.wago.com/210-136)

**Item no.: 231-661**

Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/231-661](http://www.wago.com/231-661)

**Tool**

## Operating tool

**Item no.: 209-130**

Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural

[www.wago.com/209-130](http://www.wago.com/209-130)

**Item no.: 209-132**

Operating tool; for connecting comb-style jumper bar; made of insulating material; 2-way; natural

[www.wago.com/209-132](http://www.wago.com/209-132)

**Item no.: 231-131**

Operating tool; made of insulating material; 1-way; loose; white

[www.wago.com/231-131](http://www.wago.com/231-131)

**Item no.: 231-291**

Operating tool; made of insulating material; 1-way; loose; red

[www.wago.com/231-291](http://www.wago.com/231-291)

**Item no.: 280-432**

Operating tool; made of insulating material; 2-way; white

[www.wago.com/280-432](http://www.wago.com/280-432)

**Item no.: 280-434**

Operating tool; made of insulating material; 4-way

[www.wago.com/280-434](http://www.wago.com/280-434)

**Item no.: 280-437**

Operating tool; made of insulating material; 7-way

[www.wago.com/280-437](http://www.wago.com/280-437)

**Item no.: 280-440**

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

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Operating tool; made of insulating material; 10-way

[www.wago.com/280-440](http://www.wago.com/280-440)**Item no.: 280-435**

Operating tool; made of insulating material; 5-way; gray

[www.wago.com/280-435](http://www.wago.com/280-435)**Item no.: 280-436**

Operating tool; made of insulating material; 6-way

[www.wago.com/280-436](http://www.wago.com/280-436)**Item no.: 280-438**

Operating tool; made of insulating material; 8-way

[www.wago.com/280-438](http://www.wago.com/280-438)**Item no.: 280-433**

Operating tool; made of insulating material; 3-way

[www.wago.com/280-433](http://www.wago.com/280-433)

## Cover

### Cover

**Item no.: 231-668**

Lockout caps; for covering unused clamping units; gray

[www.wago.com/231-668](http://www.wago.com/231-668)**Item no.: 231-669**

Lockout caps; for covering unused clamping units; orange

[www.wago.com/231-669](http://www.wago.com/231-669)

## Insulation stop

### Insulation stop

**Item no.: 231-672**

Insulation stop; 0.75 - 1 mm²; dark gray

[www.wago.com/231-672](http://www.wago.com/231-672)**Item no.: 231-670**

Insulation stop; 0.08-0.2 mm² / 0.2 mm² "s"; white

[www.wago.com/231-670](http://www.wago.com/231-670)**Item no.: 231-671**

Insulation stop; 0.25 - 0.5 mm²; light gray

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

## Jumpers

### Jumper

**Item no.: 231-905**

Jumper; for conductor entry; 5-way; insulated; gray

[www.wago.com/231-905](http://www.wago.com/231-905)**Item no.: 231-903**

Jumper; for conductor entry; 3-way; insulated; gray

[www.wago.com/231-903](http://www.wago.com/231-903)**Item no.: 231-907**

Jumper; for conductor entry; 7-way; insulated; gray

[www.wago.com/231-907](http://www.wago.com/231-907)**Item no.: 231-910**

Jumper; for conductor entry; 10-way; insulated; gray

[www.wago.com/231-910](http://www.wago.com/231-910)

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

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Item no.: 231-902  
Jumper; for conductor entry; 2-way; insulated; gray

[www.wago.com/231-902](http://www.wago.com/231-902)

Downloads  
Documentation

|                        |            |               |          |
|------------------------|------------|---------------|----------|
| Additional Information | 2019 Apr 3 | pdf<br>2.1 MB | Download |
|------------------------|------------|---------------|----------|

CAD/CAE-Data

CAD data

|                              |     |          |
|------------------------------|-----|----------|
| 2D/3D Models 721-116/026-000 | URL | Download |
|------------------------------|-----|----------|

CAE data

|                                   |     |          |
|-----------------------------------|-----|----------|
| EPLAN Data Portal 721-116/026-000 | URL | Download |
| ZUKEN Portal 721-116/026-000      | URL | Download |
| EPLAN Data Portal 721-116/026-000 | URL | Download |

Asset Administration Shell

|                                            |     |          |
|--------------------------------------------|-----|----------|
| Asset Administration Shell 721-116/026-000 | URL | Download |
|--------------------------------------------|-----|----------|

Environmental Product Compliance

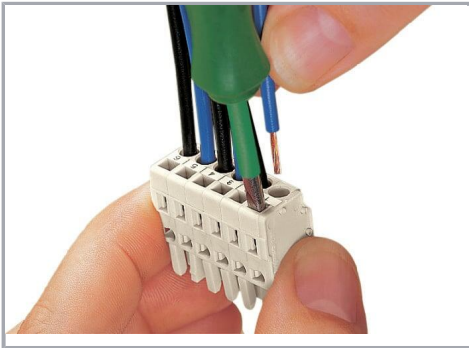
Compliance Search

|                                                                                                                                                                                                |     |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 721-116/026-000<br>1-conductor female connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 16-pole;<br>100% protected against mismatching; 2,50 mm²; light gray | URL | Download |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|

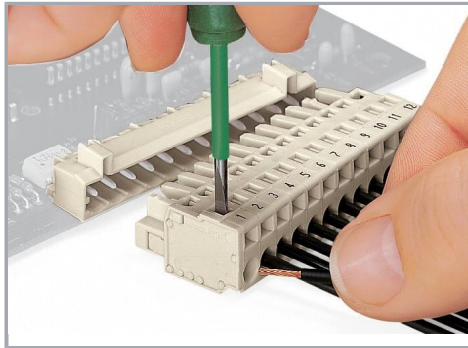
Installation Notes

Conductor termination

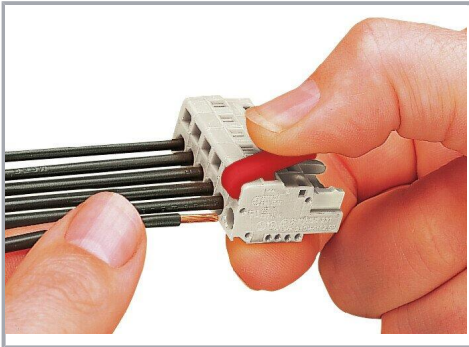
Subject to changes. Please also observe the further product documentation!



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 via operating tool.

## Coding



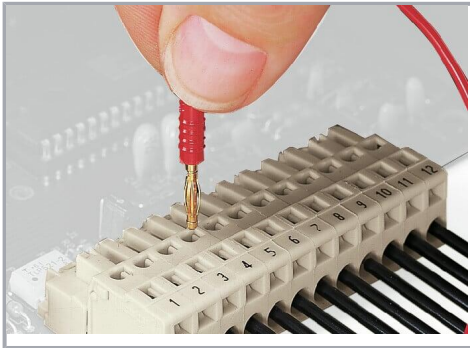
Coding a female connector by removing coding finger(s).

## Testing

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

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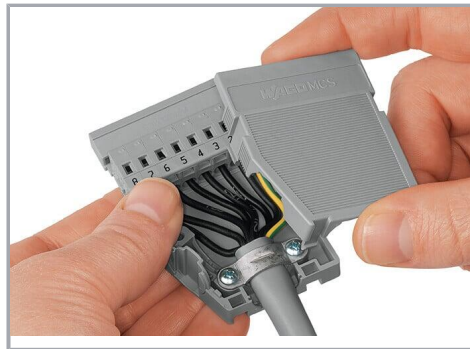


Testing perpendicular to conductor entry with 2 or 2.3 mm Ø test plug – female connector with CAGE CLAMP® – via integrated test ports

### Installation



Male connector with strain relief plate



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

### Product family

#### MCS MIDI

[Show all products from the family](#)

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