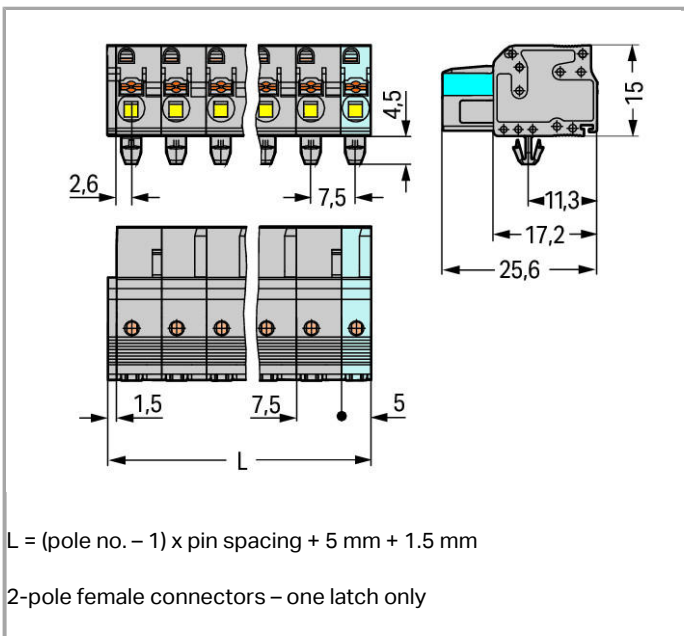
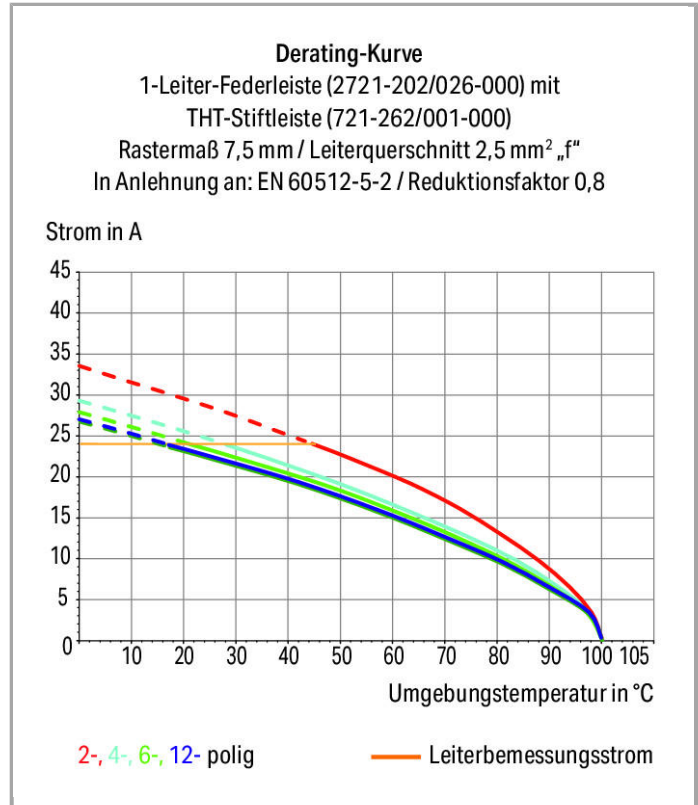
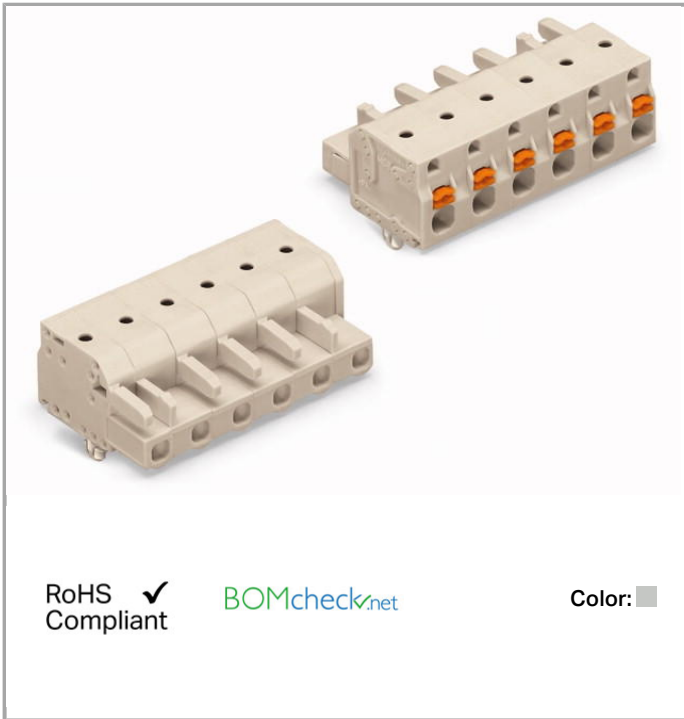


# Data sheet | Item number: 2721-212/008-000

1-conductor female plug; 100% protected against mismatching; Push-button; Snap-in mounting feet; 2.5 mm<sup>2</sup>; Pin spacing 7.5 mm; 12-pole



[www.wago.com/2721-212/008-000](http://www.wago.com/2721-212/008-000)



## Item description



- Universal connection for all conductor types
- Easy-to-use design does not require specialty tools
- Ability to wire while mated
- Push-in termination of solid and ferruled conductors
- Integrated test ports for testing parallel to the conductor entry
- 100 % protected against mismatching
- With coding fingers

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Gold-plated or partially gold-plated contact surfaces, Other pole numbers

## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

|                                 |   |
|---------------------------------|---|
| Rated voltage (III / 3)         | 500 V   |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated voltage (III / 2)         | 630 V   |
| Rated impulse voltage (III / 2) | 6 kV  |
| Rated voltage (II / 2)          | 1000 V  |
| Rated impulse voltage (II / 2)  | 6 kV  |
| Rated current                   | 16 A  |
| Legend (ratings)                | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

#### 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 C) | 150 V |
| Rated current UL (Use Group C) | 15 A  |
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 10 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 C) | 300 V |
| Rated current CSA (Use Group C) | 15 A  |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 10 A  |

## Connection data

|   |   |
|---|---|
| Connection technology                                       | Push-in CAGE CLAMP®                         |
| Actuation type  | Push-button                                 |
| Solid conductor   | 0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG |
| Fine-stranded conductor                                     | 0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG |
| Fine-stranded conductor with ferrule with plastic collar    | 0.25 ... 1.5 mm <sup>2</sup>                |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 2.5 mm <sup>2</sup>                |
| Strip length  | 10 ... 11 mm / 0.39 ... 0.43 Inch           |
| No. of poles  | 12  |
| Total number of connection points                           | 12  |
| Total number of potentials                                  | 12  |
| Number of connection types                                  | 1   |
| Number of levels  | 1   |
| Conductor entry direction to mating direction               | 0°  |

## Geometrical Data

|                         |                      |
|-------------------------|----------------------|
| Pin spacing             | 7.5 mm (0.295 inch)  |
| Width                   | 89 mm / 3.504 inch   |
| Height                  | 19.5 mm / 0.768 inch |
| Height from the surface | 15 mm / 0.591 inch   |
| Depth                   | 25.6 mm / 1.008 inch |

## Mechanical data

|                    |                                       |
|--------------------|---------------------------------------|
| Gehäuseblechstärke | 0.6 ... 1.2 mm / 0.024 ... 0.047 inch |
| Mounting type      | Snap-in mounting foot                 |
| Type of mounting   | Panel mounting                        |

## Plug connection

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

## Material Data

|                             |                                   |
|-----------------------------|-----------------------------------|
| Color                       | light gray                        |
| Material group              | I                                 |
| Insulating material         | Polyamide 66 (PA 66)              |
| Flammability class per UL94 | V0                                |
| Clamping spring material    | Chrome nickel spring steel (CrNi) |
| Contact material            | Copper alloy                      |

|                 |            |
|-----------------|------------|
| Contact plating | tin-plated |
| Fire load       | 0.536 MJ   |
| Weight          | 23.926 g   |

### Environmental Requirements


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

### Commercial data



|                    |                        |
|--------------------|------------------------|
| Country of origin  | PL                     |
| GTIN               | 4045454745172          |
| Customs Tariff No. | 85366990990            |
| Product Group      | 3 (Multi Conn. System) |

### Approvals / Certificates

#### Country specific Approvals

| Logo  | Approval                              | Certificate name |
|---|---------------------------------------|------------------|
|  | KEMA/KEUR<br>DEKRA Certification B.V. | 2190761.01       |

#### UL-Approvals


| Logo   | Approval                             | Certificate name |
|--|--------------------------------------|------------------|
|  | UR<br>Underwriters Laboratories Inc. | E45172           |
|  | UR<br>Underwriters Laboratories Inc. | E45171           |

### Compatible products

#### Strain relief plate

|  |  |  |
|--|--|--|
|  | Item no.: 734-426<br>Strain relief plate | <a href="http://www.wago.com/734-426">www.wago.com/734-426</a> |
|--|--|--|

#### Mounting adapter

|  |  |  |
|--|--|--|
|  | Item no.: 209-148<br>Multi mounting adapter; for male and female connectors with snap-in mounting feet | <a href="http://www.wago.com/209-148">www.wago.com/209-148</a> |
|--|--|--|

#### Marking accessories



**Item no.: 210-833**  
Marking strips; on reel; 6 mm wide; plain; Self-adhesive

[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

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

#### tools



**Item no.: 210-657**  
Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short

[www.wago.com/210-657](http://www.wago.com/210-657)



**Item no.: 210-720**  
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

[www.wago.com/210-720](http://www.wago.com/210-720)

#### check



**Item no.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable

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



**Item no.: 231-662**  
Test plugs for female connectors; for 7.5 mm and 7.62 mm pin spacing

[www.wago.com/231-662](http://www.wago.com/231-662)

#### ferrule



**Item no.: 216-101**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated

[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

[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

[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

[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

[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

[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

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



**Item no.: 216-124**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

[www.wago.com/216-124](http://www.wago.com/216-124)



**Item no.: 216-131**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated

[www.wago.com/216-131](http://www.wago.com/216-131)


























**Item no.: 216-132**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated

[www.wago.com/216-132](http://www.wago.com/216-132)

**Item no.: 216-141**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; electrolytic copper; gastight

[www.wago.com/216-141](http://www.wago.com/216-141)

|   |  |  |
|---|--|--|
|    | crimped; acc. to DIN 46228, Part 1/08.92   |  |
|    | <b>Item no.: 216-142</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; 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  | <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> / AWG 22; insulated; electro-tin plated  | <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> / AWG 20; insulated; electro-tin plated   | <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  | <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  | <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> / AWG 22; insulated; electro-tin plated  | <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> / AWG 20; insulated; electro-tin plated   | <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  | <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  | <a href="http://www.wago.com/216-224">www.wago.com/216-224</a> |
|  | <b>Item no.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | <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> / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90   | <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      | <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    | <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> / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90   | <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   | <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 | <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 | <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  | <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> / AWG 24; insulated; electro-tin plated  | <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  | <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> / AWG 24; insulated; electro-tin plated  | <a href="http://www.wago.com/216-322">www.wago.com/216-322</a> |
| <b>Insulation stop</b>   |   |  |
|    | <b>Item no.: 231-671</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup>   | <a href="http://www.wago.com/231-671">www.wago.com/231-671</a> |
|  | <b>Item no.: 231-672</b><br>Insulation stop; 0.75 - 1 mm <sup>2</sup>   | <a href="http://www.wago.com/231-672">www.wago.com/231-672</a> |
| <b>assembling</b>  |   |  |
|  | <b>Item no.: 209-137</b><br>Mounting adapter; can be used as end plate; 6.5 mm wide   | <a href="http://www.wago.com/209-137">www.wago.com/209-137</a> |

Subject to changes.