

## Fișă tehnică | Număr articol: 721-313/031-000

1-conductor female plug; angled; 100% protected against mismatching;  
clamping collar; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 13-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/721-313/031-000](http://www.wago.com/721-313/031-000)



RoHS  
Compliant

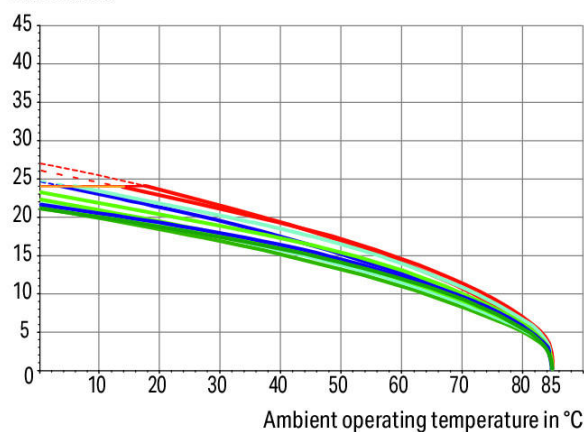
BOMcheck.net

Culoare:

### Derating Curve

1-conductor female connector (721-302/031-000) with  
THT male header (721-162/001-000)  
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

Current in A



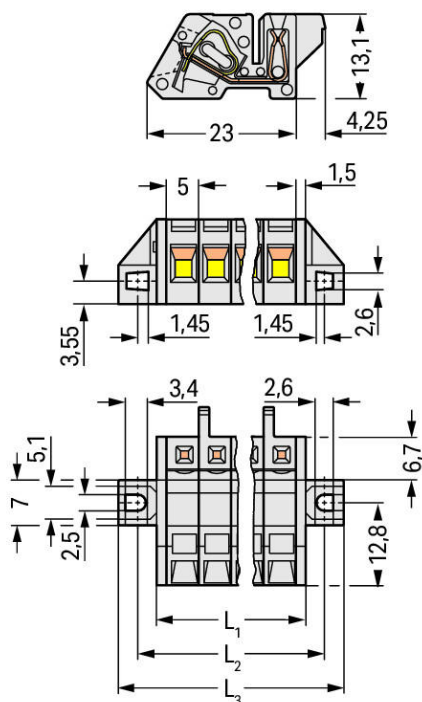
2-, 4-, 6-, 12-, 20-pole

Conductor rated current

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: [info-RO@wago.com](mailto:info-RO@wago.com)

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



$L_1 = (\text{pole no.} \times \text{pin spacing}) + 3 \text{ mm}$

$L_2 = (\text{pole no.} \times \text{pin spacing}) + 8.8 \text{ mm}$

$L_3 = (\text{pole no.} \times \text{pin spacing}) + 14.8 \text{ mm}$

## Descriere articol

- Universal connection for all conductor types
- Versions available with snap-in mounting feet or flanges for panel or through-panel mounting
- Mounting adapter allows versions with snap-in mounting feet to be DIN-rail mounted
- Easy conductor termination, even when halves are mated
- 100 % protected against mismating

### Safety information 1:

The **MULTI CONNECTION SYSTEM (MCS)** is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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.

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## Date

### Electrical data

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

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

#### 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    |
| Approvals per                  | UL 1059 |

#### Approvals per UL 1977

|                       |       |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 15 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 D) | 300 V |
| Rated current CSA (Use Group D) | 10 A  |

## Connection data

|                       |                |
|-----------------------|----------------|
| Connection technology | CAGE CLAMP®    |
| Actuation type        | Operating tool |

Supus modificărilor.



|   |  |
|---|--|
| 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                                      | 7 ... 8 mm / 0.28 ... 0.31 inch              |
| Pole No.  | 13   |
| Total number of connection points                 | 13   |
| Total number of potentials                        | 13   |
| Number of connection types                        | 1  |
| Number of levels                                  | 1  |
| Conductor entry direction to mating direction     | 90°  |

### Geometrical Data

|             |                       |
|-------------|-----------------------|
| Pin spacing | 5 mm / 0.197 inch     |
| Width       | 79.8 mm / 3.142 inch  |
| Height      | 13.1 mm / 0.516 inch  |
| Depth       | 27.25 mm / 1.073 inch |

### Mechanical data

|                         |                                       |
|-------------------------|---------------------------------------|
| Housing sheet thickness | 0.6 ... 1.2 mm / 0.024 ... 0.047 inch |
| Design                  | angled; mountable                     |
| Mounting type           | Mounting flange                       |
| Mounting type           | 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                                 |
| Insulation material         | Polyamide 66 (PA 66)              |
| Flammability class per UL94 | V0                                |
| Clamping spring material    | Chrome nickel spring steel (CrNi) |
| Contact material            | Copper alloy                      |

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|                 |            |
|-----------------|------------|
| Contact plating | tin-plated |
| Fire load       | 0,42 MJ    |
| Weight          | 19,1 g     |

## Environmental Requirements



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

## Commercial data



|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | PL            |
| GTIN                  | 4055143903707 |
| Customs tariff number | 85366990990   |

## Aprobări / certificate

### Country specific Approvals

| Emblemă  | Aprobare                                     | Text de aprobare suplimentar | Nume certificat |
|--|--|------------------------------|-----------------|
|   | <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

| Emblemă  | Aprobare  | Text de aprobare suplimentar | Nume certificat  |
|--|---|------------------------------|------------------|
|  | <b>ABS</b><br>American Bureau of Shipping               | -                            | 19-HG1869876-PDA |
|  | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                            | TAE000016Z       |

### UL-Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|---------|----------|------------------------------|-----------------|
|---------|----------|------------------------------|-----------------|

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UL  
Underwriters Laboratories Inc.

UL 1059

20190731-  
E45172



UR  
UL International Germany GmbH

UL 1977

E45171

## Counterpart



### Nr. articol 721-613

1-conductor male connector; 100% protected against mismatching; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 13-pole; [www.wago.com/721-613](http://www.wago.com/721-613)  
2,50 mm<sup>2</sup>; light gray



### Nr. articol 721-143/001-000

THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 13-pole; light gray

[www.wago.com/721-143/001-000](http://www.wago.com/721-143/001-000)

## Produse compatibile

### Jumper



#### Nr. articol: 231-902

Comb-style jumper bar; for 5 mm and 5.08 mm pin spacing; reduces conductor size to 1.5 mm; gray [www.wago.com/231-902](http://www.wago.com/231-902)



#### Nr. articol: 231-903

Comb-style jumper bar; 3-way; suitable for 231 Series female connectors; with 5 mm pin spacing; insulated; gray [www.wago.com/231-903](http://www.wago.com/231-903)



#### Nr. articol: 231-905

Comb-style jumper bar; 5-way; suitable for 231 Series female connectors; with 5 mm pin spacing; insulated; gray [www.wago.com/231-905](http://www.wago.com/231-905)



#### Nr. articol: 231-907

Comb-style jumper bar; 7-way; suitable for 231 Series female connectors; with 5 mm pin spacing; insulated; gray [www.wago.com/231-907](http://www.wago.com/231-907)



#### Nr. articol: 231-910

Comb-style jumper bar; 10-way; suitable for 231 Series female connectors; with 5 mm pin spacing; insulated; gray [www.wago.com/231-910](http://www.wago.com/231-910)

### check

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**Nr. articol: 210-136**

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

[www.wago.com/210-136](http://www.wago.com/210-136)**Nr. articol: 210-137**

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

[www.wago.com/210-137](http://www.wago.com/210-137)**Nr. articol: 231-661**

Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm²; light gray

[www.wago.com/231-661](http://www.wago.com/231-661)**Marking accessories****Nr. articol: 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)**Nr. articol: 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)**Nr. articol: 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)**Nr. articol: 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)**Nr. articol: 210-833**

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

[www.wago.com/210-833](http://www.wago.com/210-833)**Nr. articol: 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****Nr. articol: 232-610**

Strain relief housing; gray

[www.wago.com/232-610](http://www.wago.com/232-610)**ferrule****Nr. articol: 216-106**

Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated

[www.wago.com/216-106](http://www.wago.com/216-106)**Nr. articol: 216-107**

Ferrule; Sleeve for 4 mm² / AWG 12; uninsulated; electro-tin plated

[www.wago.com/216-107](http://www.wago.com/216-107)**Nr. articol: 216-108**

Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated

[www.wago.com/216-108](http://www.wago.com/216-108)**Nr. articol: 216-109**

Ferrule; Sleeve for 10 mm² / AWG 8; uninsulated; electro-tin plated

[www.wago.com/216-109](http://www.wago.com/216-109)**Nr. articol: 216-110**

Ferrule; Sleeve for 16 mm² / AWG 6; uninsulated; electro-tin plated

[www.wago.com/216-110](http://www.wago.com/216-110)

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|  |  |  |
|--|--|--|
|    | <b>Nr. articol: 216-121</b><br>Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated   | <a href="http://www.wago.com/216-121">www.wago.com/216-121</a> |
|    | <b>Nr. articol: 216-122</b><br>Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-122">www.wago.com/216-122</a> |
|    | <b>Nr. articol: 216-123</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated   | <a href="http://www.wago.com/216-123">www.wago.com/216-123</a> |
|    | <b>Nr. articol: 216-124</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated   | <a href="http://www.wago.com/216-124">www.wago.com/216-124</a> |
|    | <b>Nr. articol: 216-131</b><br>Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-131">www.wago.com/216-131</a> |
|    | <b>Nr. articol: 216-132</b><br>Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-132">www.wago.com/216-132</a> |
|    | <b>Nr. articol: 216-141</b><br>Ferrule; Sleeve for 0.5 mm² / 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>Nr. articol: 216-142</b><br>Ferrule; Sleeve for 0.75 mm² / 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>Nr. articol: 216-143</b><br>Ferrule; Sleeve for 1 mm² / 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>Nr. articol: 216-144</b><br>Ferrule; Sleeve for 1.5 mm² / 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>Nr. articol: 216-151</b><br>Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-151">www.wago.com/216-151</a> |
|  | <b>Nr. articol: 216-152</b><br>Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-152">www.wago.com/216-152</a> |
|  | <b>Nr. articol: 216-207</b><br>Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; gray   | <a href="http://www.wago.com/216-207">www.wago.com/216-207</a> |
|  | <b>Nr. articol: 216-208</b><br>Ferrule; Sleeve for 6 mm² / 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/216-208">www.wago.com/216-208</a> |
|  | <b>Nr. articol: 216-209</b><br>Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red  | <a href="http://www.wago.com/216-209">www.wago.com/216-209</a> |
|  | <b>Nr. articol: 216-210</b><br>Ferrule; Sleeve for 16 mm² / 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>Nr. articol: 216-221</b><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white  | <a href="http://www.wago.com/216-221">www.wago.com/216-221</a> |

Supus modificărilor.



|   |   |  |
|---|---|--|
|    | <b>Nr. articol: 216-222</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray   | <a href="http://www.wago.com/216-222">www.wago.com/216-222</a> |
|    | <b>Nr. articol: 216-223</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red   | <a href="http://www.wago.com/216-223">www.wago.com/216-223</a> |
|    | <b>Nr. articol: 216-224</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black   | <a href="http://www.wago.com/216-224">www.wago.com/216-224</a> |
|    | <b>Nr. articol: 216-241</b><br>Ferrule; Sleeve for 0.5 mm² / 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>Nr. articol: 216-242</b><br>Ferrule; Sleeve for 0.75 mm² / 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>Nr. articol: 216-243</b><br>Ferrule; Sleeve for 1 mm² / 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>Nr. articol: 216-244</b><br>Ferrule; Sleeve for 1.5 mm² / 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>Nr. articol: 216-246</b><br>Ferrule; Sleeve for 2.5 mm² / 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/216-246">www.wago.com/216-246</a> |
|    | <b>Nr. articol: 216-262</b><br>Ferrule; Sleeve for 0.75 mm² / 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>Nr. articol: 216-263</b><br>Ferrule; Sleeve for 1 mm² / 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>Nr. articol: 216-264</b><br>Ferrule; Sleeve for 1.5 mm² / 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>Nr. articol: 216-266</b><br>Ferrule; Sleeve for 2.5 mm² / 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/216-266">www.wago.com/216-266</a> |
|  | <b>Nr. articol: 216-267</b><br>Ferrule; Sleeve for 4 mm² / 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/216-267">www.wago.com/216-267</a> |
|  | <b>Nr. articol: 216-284</b><br>Ferrule; Sleeve for 1.5 mm² / 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>Nr. articol: 216-286</b><br>Ferrule; Sleeve for 2.5 mm² / 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>Nr. articol: 216-287</b><br>Ferrule; Sleeve for 4 mm² / 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>Nr. articol: 216-288</b>   |  |

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|  |   |  |
|--|---|--|
|    | 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>Nr. articol: 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> |
|  | <b>Nr. articol: 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>Nr. articol: 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>General accessories</b>   |   |  |
|  | <b>Nr. articol: 231-668</b><br>Lockout caps; for covering unused clamping units; gray   | <a href="http://www.wago.com/231-668">www.wago.com/231-668</a> |
| <b>tools</b>   |   |  |
|    | <b>Nr. articol: 209-130</b><br>Operating tool; suitable for 264, 280 and 281 Series; 1-way; of insulating material  | <a href="http://www.wago.com/209-130">www.wago.com/209-130</a> |
|    | <b>Nr. articol: 231-131</b><br>Push-button; loose   | <a href="http://www.wago.com/231-131">www.wago.com/231-131</a> |
|    | <b>Nr. articol: 231-291</b><br>Operating tool; loose; red   | <a href="http://www.wago.com/231-291">www.wago.com/231-291</a> |
|   | <b>Nr. articol: 280-432</b><br>Operating tool; made of insulating material; 2-way   | <a href="http://www.wago.com/280-432">www.wago.com/280-432</a> |
|  | <b>Nr. articol: 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> |
|  | <b>Nr. articol: 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> |
|   | <b>Nr. articol: 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> |
|  | <b>Nr. articol: 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> |
|  | <b>Nr. articol: 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> |
|  | <b>Nr. articol: 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> |
|  | <b>Nr. articol: 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> |

Supus modificărilor.

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Aveți întrebări despre produsele noastre?  
 Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

## Descărcări

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

pdf  
3,6 MB

Descărcare

## CAD/CAE-Data

### CAD data

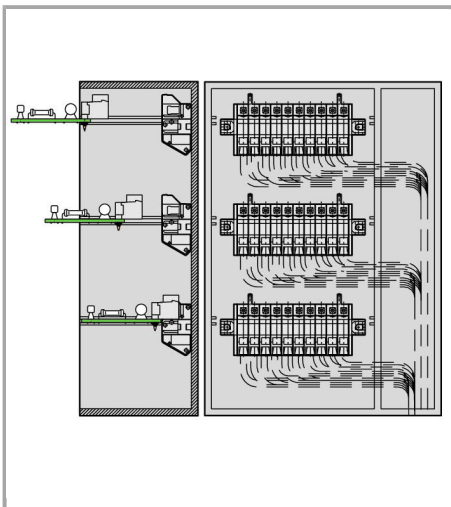
2D/3D Models 721-313/031-000

URL

Descărcare

## Installation Notes

### Application



Multilevel arrangement in a distributed electronic housing

### Application

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Angled female plug – a male header with straight solder pins is used for horizontal PCB mounting in narrow housings.

## Familie de produse

<i>MCS</i> MIDI

Afișare globală produse din familie.

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