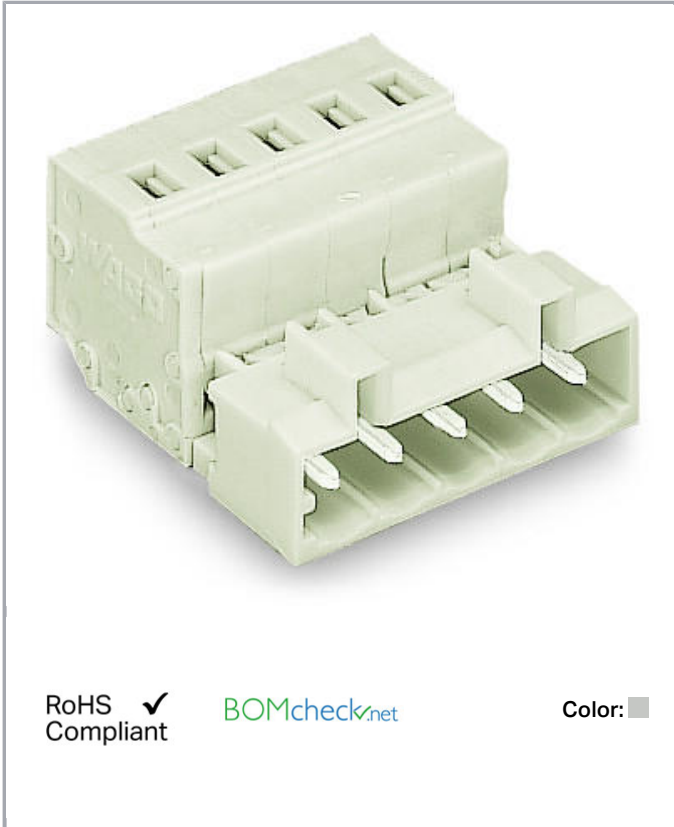


**Data sheet | Item number: 721-607**

1-conductor male connector; 100% protected against mismatching; 2.5 mm<sup>2</sup>;  
Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray

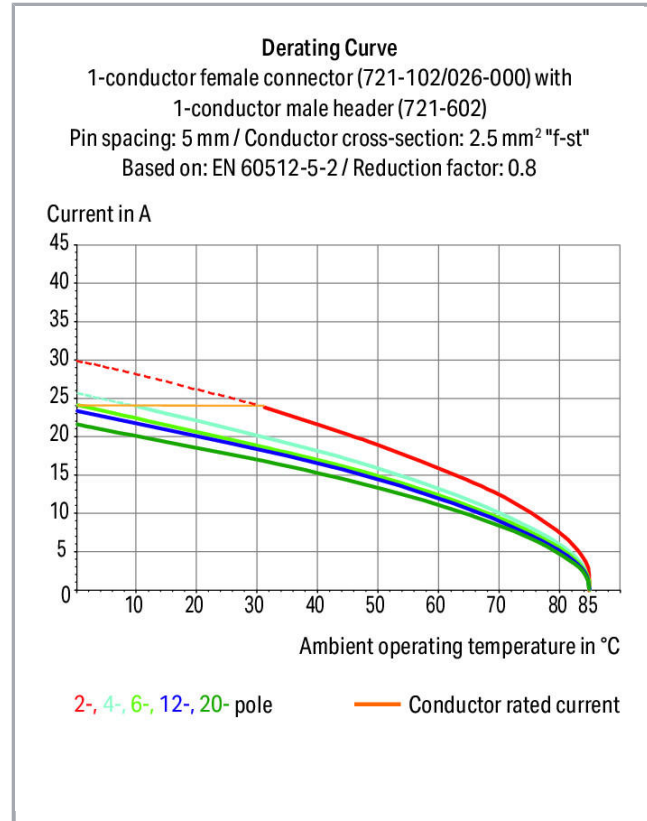
[www.wago.com/721-607](http://www.wago.com/721-607)



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

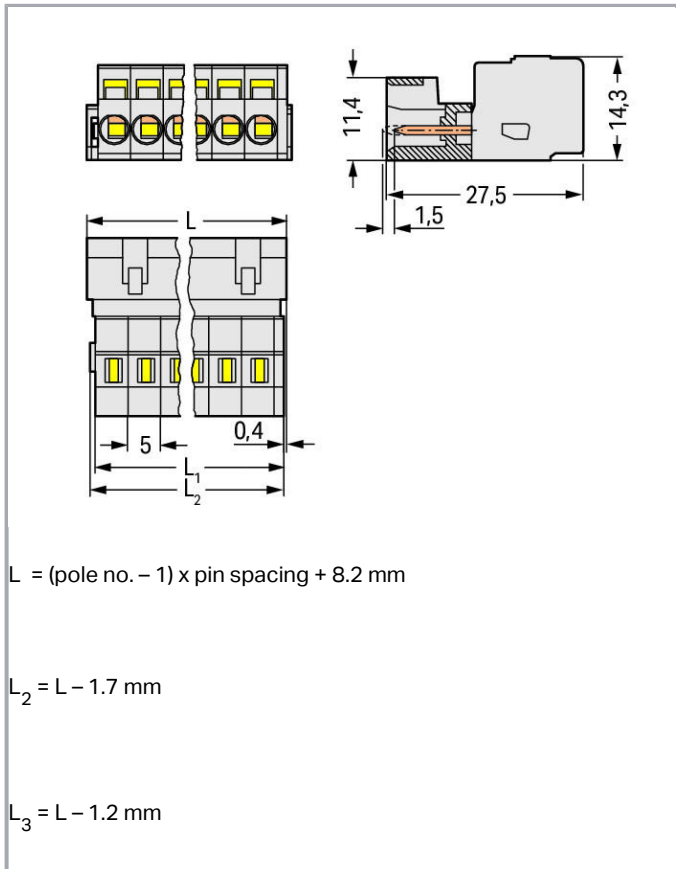
Color:



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.



### 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
- 3- to 5-pole male connectors are also available with preceding ground contact
- 100 % protected against mismatching
- With coding fingers

### 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.

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



## Data

### Electrical data

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

Ratings per	IEC/EN 60664-1
Rated 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
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	12 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 D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

#### Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	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

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



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 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	8 ... 9 mm / 0.31 ... 0.35 inch
No. of poles	7
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°

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	38.2 mm / 1.504 inch
Height	14.3 mm / 0.563 inch
Depth	27.5 mm / 1.083 inch

### Plug connection

Contact type (pluggable connector)	Male connector/plug
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	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.193 MJ
Weight	10.8 g

### Environmental Requirements

Limit temperature range	-60 ... +100 °C
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Subject to changes. Please also observe the further product documentation!

## Commercial data




Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	DE
GTIN	4044918263382
Customs Tariff No.	85366990990

## Approvals / Certificates

### Country specific Approvals

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

### Ship Approvals

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




### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
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Subject to changes. Please also observe the further product documentation!

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	UL UL International Germany GmbH	UL 1059	E45172
	UL Underwriters Laboratories Inc.	UL 1059	20190731- E45172
	UR UL International Germany GmbH	UL 1977	E45171

### Counterpart

	<b>Item no.2721-107/008-000</b> 1-conductor female plug; 100% protected against mismatching; push-button; Snap-in mounting feet; 2,5 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/2721-107/008-000">www.wago.com/2721-107/008-000</a>
	<b>Item no.2721-107/026-000</b> 1-conductor female plug; 100% protected against mismatching; push-button; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/2721-107/026-000">www.wago.com/2721-107/026-000</a>
	<b>Item no.2721-107/031-000</b> 1-conductor female plug; 100% protected against mismatching; push-button; clamping collar; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/2721-107/031-000">www.wago.com/2721-107/031-000</a>
	<b>Item no.2721-107/037-000</b> 1-conductor female plug; 100% protected against mismatching; push-button; Locking lever; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/2721-107/037-000">www.wago.com/2721-107/037-000</a>
	<b>Item no.721-107/008-000</b> 1-conductor female plug; 100% protected against mismatching; Snap-in mounting feet; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/721-107/008-000">www.wago.com/721-107/008-000</a>
	<b>Item no.721-107/008-000/037-000</b> 1-conductor female plug; 100% protected against mismatching; Snap-in mounting feet; Locking lever; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/721-107/008-000/037-000">www.wago.com/721-107/008-000/037-000</a>
	<b>Item no.721-107/027-000</b> 1-conductor female plug; 100% protected against mismatching; clamping collar; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/721-107/027-000">www.wago.com/721-107/027-000</a>
	<b>Item no.721-107/026-000</b> 1-conductor female plug; 100% protected against mismatching; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/721-107/026-000">www.wago.com/721-107/026-000</a>

**Item no.721-107/037-000**

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



1-conductor female plug; 100% protected against mismatching; Locking lever; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/721-107/037-000](http://www.wago.com/721-107/037-000)



**Item no.721-2107/026-000**

2-conductor female connector; 100% protected against mismatching; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/721-2107/026-000](http://www.wago.com/721-2107/026-000)



**Item no.721-107/031-000**

1-conductor female plug; 100% protected against mismatching; clamping collar; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/721-107/031-000](http://www.wago.com/721-107/031-000)



**Item no.721-2107/037-000**

2-conductor female connector; 100% protected against mismatching; Locking lever; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/721-2107/037-000](http://www.wago.com/721-2107/037-000)



**Item no.721-307/008-000**

1-conductor female plug; angled; 100% protected against mismatching; Snap-in mounting feet; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/721-307/008-000](http://www.wago.com/721-307/008-000)



**Item no.721-307/031-000**

1-conductor female plug; angled; 100% protected against mismatching; clamping collar; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/721-307/031-000](http://www.wago.com/721-307/031-000)



**Item no.722-107/026-000**

1-conductor female plug; angled; 100% protected against mismatching; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/722-107/026-000](http://www.wago.com/722-107/026-000)



**Item no.722-137**

THT female header; 0.6 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 7-pole; light gray

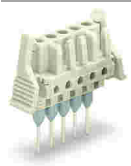
[www.wago.com/722-137](http://www.wago.com/722-137)



**Item no.722-137/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 7-pole; light gray

[www.wago.com/722-137/005-000](http://www.wago.com/722-137/005-000)



**Item no.722-137/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 7-pole; light gray

[www.wago.com/722-137/005-000/039-000](http://www.wago.com/722-137/005-000/039-000)



**Item no.722-137/039-000**

THT female header; 0.6 x 1.0 mm solder pin; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 7-pole; light gray

[www.wago.com/722-137/039-000](http://www.wago.com/722-137/039-000)

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

## Compatible products

### General accessories



**Item no.: 231-668**  
Lockout caps; for covering unused clamping units; gray

[www.wago.com/231-668](http://www.wago.com/231-668)

### 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)

### 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)

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



	<b>Item no.: 216-131</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-131">www.wago.com/216-131</a>
	<b>Item no.: 216-132</b> 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> 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> 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> 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> 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> 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> 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> 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> 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> 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> 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> 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> 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> 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> 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> 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>	

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

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 [www.wago.com/216-242](http://www.wago.com/216-242)

**Item no.: 216-243**

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 [www.wago.com/216-243](http://www.wago.com/216-243)

**Item no.: 216-244**

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 [www.wago.com/216-244](http://www.wago.com/216-244)

**Item no.: 216-262**

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 [www.wago.com/216-262](http://www.wago.com/216-262)

**Item no.: 216-263**

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 [www.wago.com/216-263](http://www.wago.com/216-263)

**Item no.: 216-264**

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 [www.wago.com/216-264](http://www.wago.com/216-264)

**Item no.: 216-284**

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 [www.wago.com/216-284](http://www.wago.com/216-284)

**Item no.: 216-301**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow [www.wago.com/216-301](http://www.wago.com/216-301)

**Item no.: 216-302**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; green [www.wago.com/216-302](http://www.wago.com/216-302)

**Item no.: 216-321**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow [www.wago.com/216-321](http://www.wago.com/216-321)

**Item no.: 216-322**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; green [www.wago.com/216-322](http://www.wago.com/216-322)

**Strain relief plate****Item no.: 232-607**

Strain relief housing; gray [www.wago.com/232-607](http://www.wago.com/232-607)

**Marking accessories****Item no.: 210-331/500-103**

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 [www.wago.com/210-331/500-103](http://www.wago.com/210-331/500-103)

**Item no.: 210-331/500-104**

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 [www.wago.com/210-331/500-104](http://www.wago.com/210-331/500-104)

**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.: 210-332/500-204**

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.

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)

**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.: 210-332/500-206**

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.: 210-833**

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)

**tools****Item no.: 209-130**

Operating tool; suitable for 264, 280 and 281 Series; 1-way; of insulating material [www.wago.com/209-130](http://www.wago.com/209-130)

**Item no.: 210-657**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short [www.wago.com/210-657](http://www.wago.com/210-657)

**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft [www.wago.com/210-720](http://www.wago.com/210-720)

**Item no.: 231-131**

Push-button; loose [www.wago.com/231-131](http://www.wago.com/231-131)

**Item no.: 231-159**

Operating tool; natural [www.wago.com/231-159](http://www.wago.com/231-159)

**Item no.: 231-231**

Combination operating tool; red [www.wago.com/231-231](http://www.wago.com/231-231)

**Item no.: 231-291**

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

**Item no.: 280-433**

Operating tool; made of insulating material; 3-way [www.wago.com/280-433](http://www.wago.com/280-433)

**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.: 280-435**

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)

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.



**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.: 280-438**  
Operating tool; made of insulating material; 8-way

[www.wago.com/280-438](http://www.wago.com/280-438)

**Item no.: 280-440**  
Operating tool; made of insulating material; 10-way

[www.wago.com/280-440](http://www.wago.com/280-440)

### Jumper

**Item no.: 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)

**Item no.: 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)



**Item no.: 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)

**Item no.: 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)

**Item no.: 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)

### Coding

**Item no.: 231-129**  
Coding key; snap-on type; light gray [www.wago.com/231-129](http://www.wago.com/231-129)

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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### CAD/CAE-Data

#### CAD data

2D/3D Models 721-607	URL	Download
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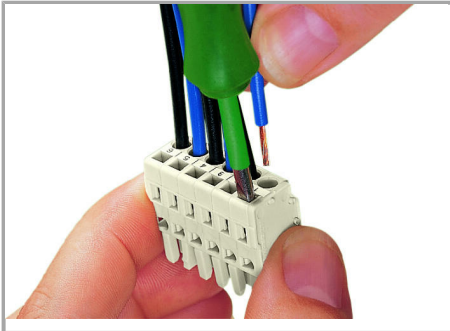
#### CAE data

EPLAN Data Portal 721-607	URL	Download
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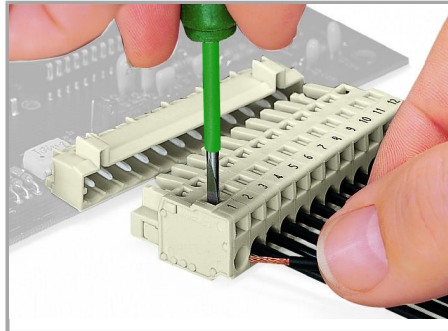
Subject to changes. Please also observe the further product documentation!

## Installation Notes

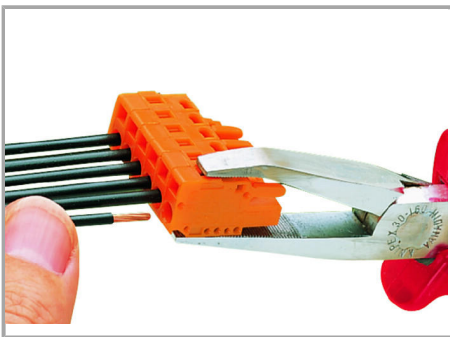
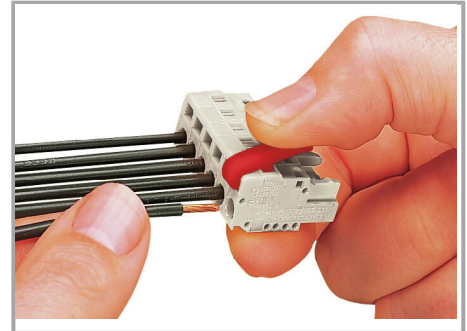
### Inserting a conductor



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



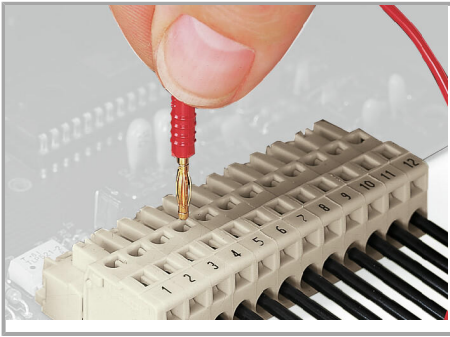
Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation perpendicular to conductor entry.



Inserting a conductor via operating tool.

### Testing

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

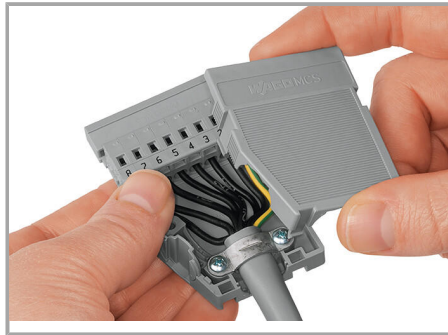


Testing perpendicular to conductor entry with 2 or 2.3 mm Ø test plug – female connector with CAGE CLAMP® – via integrated test ports

### Assembly

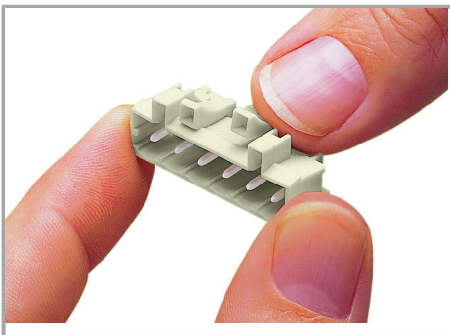


Male connector with strain relief plate



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

### Coding



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

### Product family

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



<i>MCS</i> MIDI

[Learn more about the product family.](#)

[Show all products from the family](#)

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

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