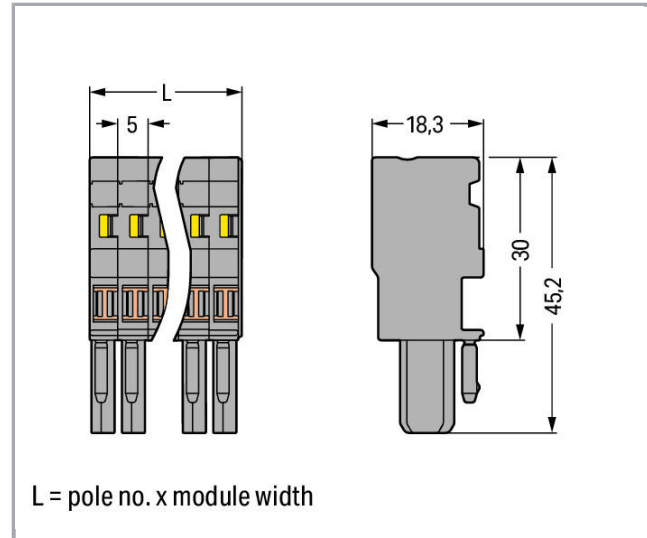
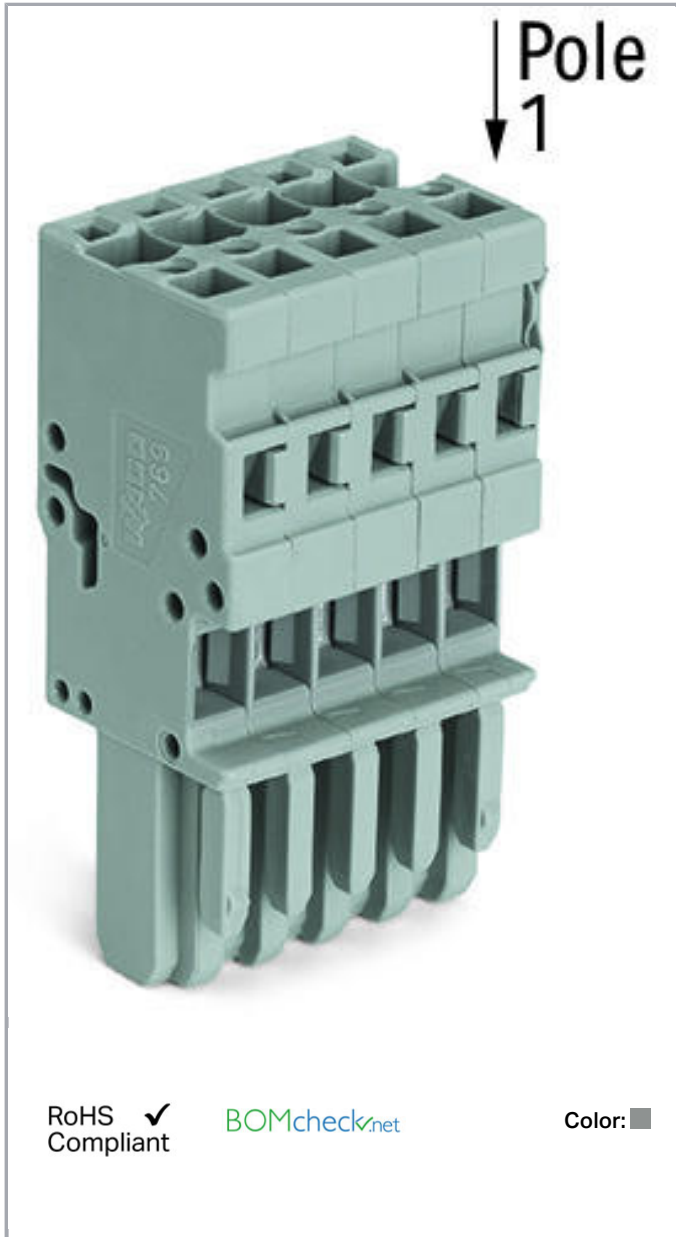


Data sheet | Item number: 769-107

1-conductor female plug; 4 mm<sup>2</sup>; 7-pole; 4,00 mm<sup>2</sup>; gray

[www.wago.com/769-107](http://www.wago.com/769-107)



Item description

According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load.

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

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**Safety information 1:**

According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load.

**Data****Electrical data****Ratings per IEC/EN 60664-1**

Ratings per	IEC/EN 61984
Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

**Connection data**

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross section	4 mm <sup>2</sup>
Solid conductor	0,08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0,08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
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
Type of wiring	Front-entry wiring

**Geometrical Data**

Width	35 mm / 1.378 inch
Height	45,2 mm / 1.78 inch
Depth	18,3 mm / 0.72 inch
Module width	5 mm / 0.197 inch

**Mechanical data**

Marking level	Side marking
---------------	--------------

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

## Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductor

## Material Data





Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.373 MJ
Weight	23.9 g

## Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4044918471589
Customs Tariff No.	85366990990


## Approvals / Certificates

### Country specific Approvals



Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799 /A1
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

### Ship Approvals



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

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	EN 60947	20-HG1941090-PDA

**UL-Approvals**

Logo	Approval	Additional Approval Text	Certificate name
	<b>UR</b> Underwriters Laboratories Inc.	UL 1059	20190731-E45172
	<b>UR</b> Underwriters Laboratories Inc.	UL 1977	20151210-E45171

**Counterpart**

	<b>Item no.769-607/001-000</b> 1-conductor male connector; Snap-in mounting feet; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-607/001-000">www.wago.com/769-607/001-000</a>
	<b>Item no.769-607</b> 1-conductor male connector; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-607">www.wago.com/769-607</a>
	<b>Item no.769-607/002-000</b> 1-conductor male connector; clamping collar; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-607/002-000">www.wago.com/769-607/002-000</a>
	<b>Item no.769-607/004-000</b> 1-conductor male connector; Feedthrough flange; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-607/004-000">www.wago.com/769-607/004-000</a>
	<b>Item no.769-607/005-000</b> 1-conductor male connector; Snap-in flange; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 7-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-607/005-000">www.wago.com/769-607/005-000</a>
	<b>Item no.769-637</b> THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 7-pole; gray	<a href="http://www.wago.com/769-637">www.wago.com/769-637</a>

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



Item no.769-637/004-000

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 7-pole; gray

[www.wago.com/769-637/004-000](http://www.wago.com/769-637/004-000)



Item no.769-637/003-000

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 7-pole; gray

[www.wago.com/769-637/003-000](http://www.wago.com/769-637/003-000)



Item no.769-607/006-000

1-conductor male connector; Snap-in flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 4,00 mm<sup>2</sup>; gray

[www.wago.com/769-607/006-000](http://www.wago.com/769-607/006-000)



Item no.769-637/007-000

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 7-pole; gray

[www.wago.com/769-637/007-000](http://www.wago.com/769-637/007-000)



Item no.769-667

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 7-pole; gray

[www.wago.com/769-667](http://www.wago.com/769-667)



Item no.769-667/003-000

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 7-pole; gray

[www.wago.com/769-667/003-000](http://www.wago.com/769-667/003-000)



Item no.769-667/004-000

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 7-pole; gray

[www.wago.com/769-667/004-000](http://www.wago.com/769-667/004-000)

## Compatible products

### Protective Warning Marker



Item no.: 280-415

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

[www.wago.com/280-415](http://www.wago.com/280-415)

### Test 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)

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

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**Item no.: 210-137**

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

[www.wago.com/210-137](http://www.wago.com/210-137)**Marking accessories**

	<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
	<b>Item no.: 2009-145/000-002</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white /000-002	<a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a>
	<b>Item no.: 2009-145/000-005</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red /000-005	<a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a>
	<b>Item no.: 2009-145/000-006</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue /000-006	<a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a>
	<b>Item no.: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white /000-007	<a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a>
	<b>Item no.: 2009-145/000-012</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a>
	<b>Item no.: 2009-145/000-023</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a>
	<b>Item no.: 2009-145/000-024</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a>
	<b>Item no.: 210-805</b> Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white	<a href="http://www.wago.com/210-805">www.wago.com/210-805</a>
	<b>Item no.: 210-805/000-002</b> Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow	<a href="http://www.wago.com/210-805/000-002">www.wago.com/210-805/000-002</a>
	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white	<a href="http://www.wago.com/210-831">www.wago.com/210-831</a>
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white	<a href="http://www.wago.com/210-832">www.wago.com/210-832</a>
	<b>Item no.: 210-834</b> Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white	<a href="http://www.wago.com/210-834">www.wago.com/210-834</a>
	<b>Item no.: 248-501</b> Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	<a href="http://www.wago.com/248-501">www.wago.com/248-501</a>

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

**Item no.: 248-501/000-002**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

[www.wago.com/248-501/000-002](http://www.wago.com/248-501/000-002)

**Item no.: 248-501/000-005**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

[www.wago.com/248-501/000-005](http://www.wago.com/248-501/000-005)

**Item no.: 248-501/000-006**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

[www.wago.com/248-501/000-006](http://www.wago.com/248-501/000-006)



**Item no.: 248-501/000-007**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

[www.wago.com/248-501/000-007](http://www.wago.com/248-501/000-007)

**Item no.: 248-501/000-012**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

[www.wago.com/248-501/000-012](http://www.wago.com/248-501/000-012)

**Item no.: 248-501/000-017**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

[www.wago.com/248-501/000-017](http://www.wago.com/248-501/000-017)



**Item no.: 248-501/000-023**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

[www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)

**Item no.: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

[www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)

#### Strain relief plate



**Item no.: 769-1607**

Strain relief housing; gray

[www.wago.com/769-1607](http://www.wago.com/769-1607)

**Item no.: 769-413**

Strain relief plate; gray

[www.wago.com/769-413](http://www.wago.com/769-413)

#### Locking lever



**Item no.: 769-428**

Locking lever; gray

[www.wago.com/769-428](http://www.wago.com/769-428)

**Item no.: 769-429**

Locking lever; orange

[www.wago.com/769-429](http://www.wago.com/769-429)

**Item no.: 769-430**

Locking lever; gray

[www.wago.com/769-430](http://www.wago.com/769-430)



**Item no.: 769-431**

Locking lever; orange

[www.wago.com/769-431](http://www.wago.com/769-431)

#### ferrule

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

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	<b>Item no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-101">www.wago.com/216-101</a>
	<b>Item no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-102">www.wago.com/216-102</a>
	<b>Item no.: 216-103</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-103">www.wago.com/216-103</a>
	<b>Item no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-104">www.wago.com/216-104</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.: 216-206</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; blue	<a href="http://www.wago.com/216-206">www.wago.com/216-206</a>
	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow	<a href="http://www.wago.com/216-301">www.wago.com/216-301</a>
	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; green	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>
<b>Insulation stop</b>		
	<b>Item no.: 769-470</b> Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip; white	<a href="http://www.wago.com/769-470">www.wago.com/769-470</a>
	<b>Item no.: 769-471</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray	<a href="http://www.wago.com/769-471">www.wago.com/769-471</a>
	<b>Item no.: 769-472</b> Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip; dark gray	<a href="http://www.wago.com/769-472">www.wago.com/769-472</a>
<b>Jumper</b>		
	<b>Item no.: 769-402</b> Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs; gray	<a href="http://www.wago.com/769-402">www.wago.com/769-402</a>
<b>General accessories</b>		
	<b>Item no.: 769-436</b> Jumper cover; for 1-conductor female plugs; for 5 poles; gray	<a href="http://www.wago.com/769-436">www.wago.com/769-436</a>

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





## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 769-107	URL	Download
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### CAE data

EPLAN Data Portal 769-107	URL	Download
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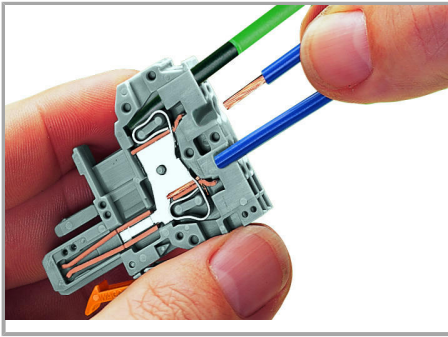
WSCAD Universe 769-107	URL	Download
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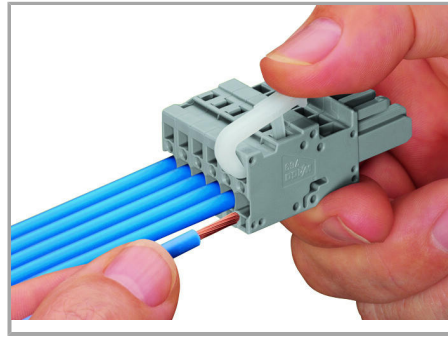
## Installation Notes

### Conductor termination

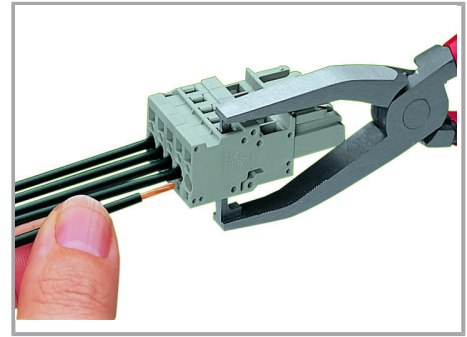
Subject to changes. Please also observe the further product documentation!



CAGE CLAMP® connection



Operating lever



Operating tool

Female plug: Inserting/removing a conductor via operating tool.

Inserting a conductor via operating tool – side-entry wiring (example shows a female plug).

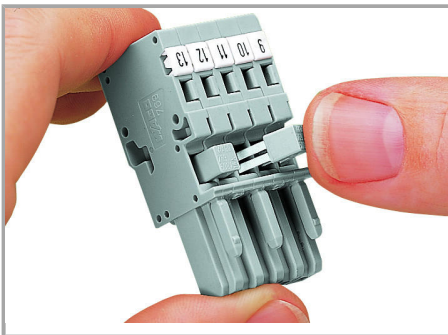
Inserting a conductor via operating tool – side-entry wiring (example shows a female plug).

Operation 90° to conductor is also possible.

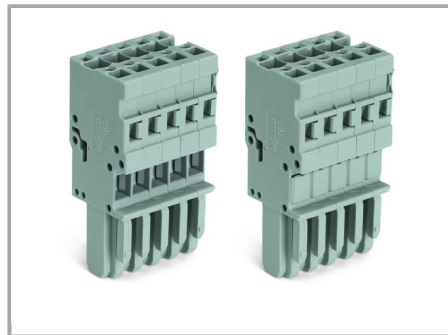
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

### Commoning



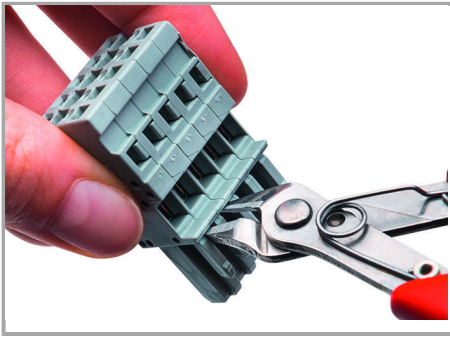
Commoning 1-conductor female plugs via miniature adjacent jumpers.



Jumper cover for 1-conductor female plugs

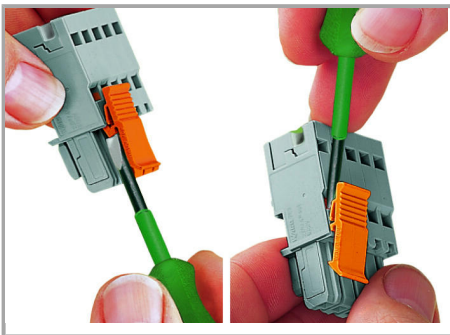
### Coding

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



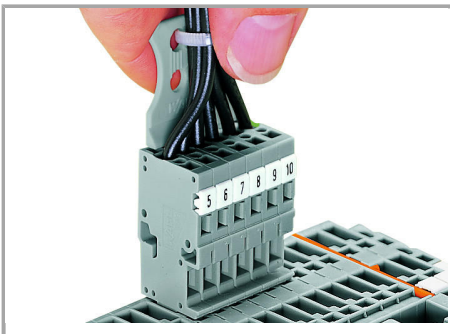
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

#### Locking lever



Locking/releasing a lever.

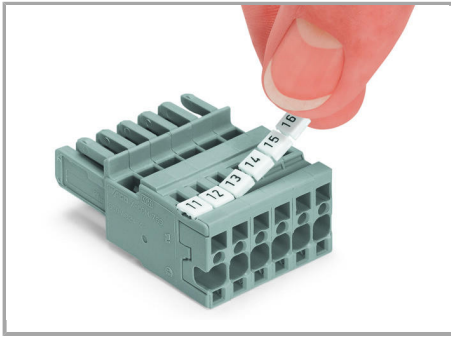
#### Strain Relief



Removing a female plug via conductor bundle provided with strain relief plate.

#### Marking

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



Labeling a female plug with CAGE CLAMP® connection via Mini-WSB quick markers.

## Product family

### X-COM

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

[Show all products from the family](#)

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