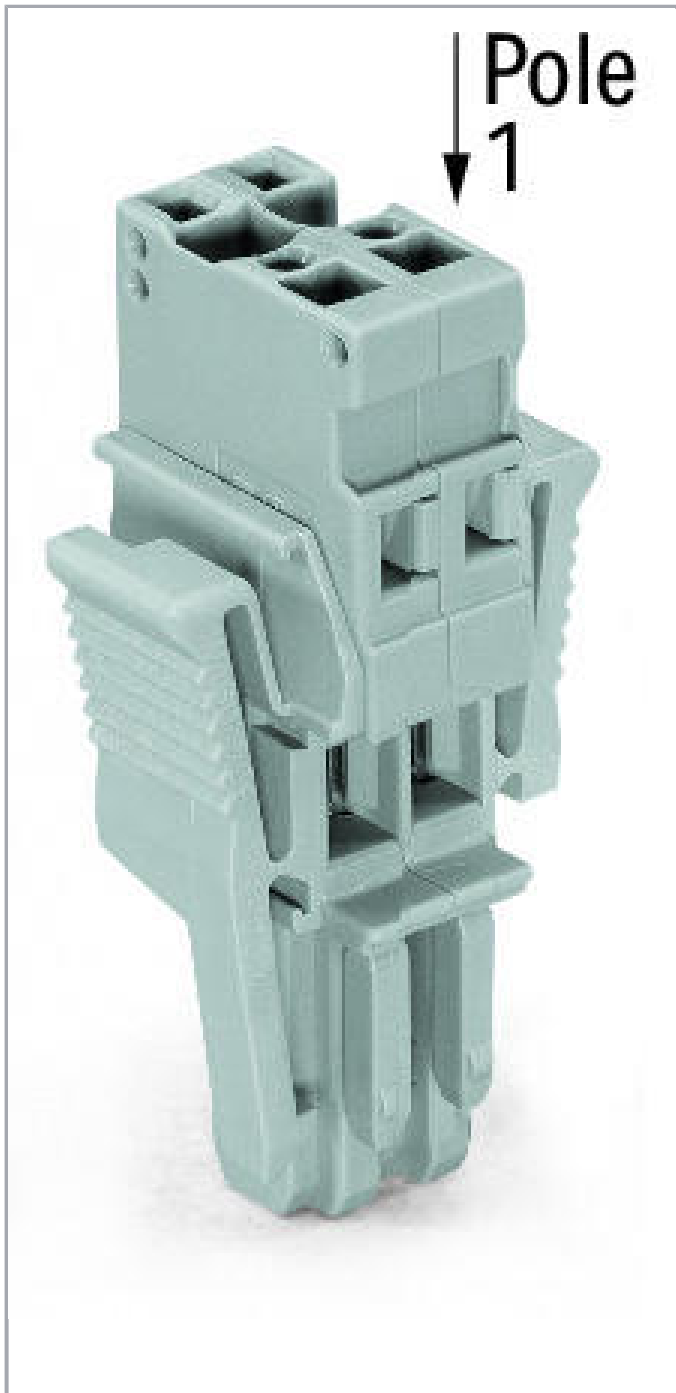


Fișă tehnică | Număr articol: 769-103/021-000

1-conductor female plug; Locking lever; 4 mm<sup>2</sup>; 3-pole; 4,00 mm<sup>2</sup>; gray

[www.wago.com/769-103/021-000](http://www.wago.com/769-103/021-000)



Supus modificărilor.

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building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

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

RoHS   
Compliant

BOMcheck.net

Culoare: 

## Descriere articol

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

### Safety information 1:

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

## Date

### Electrical data

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

Ratings per	IEC/EN 61984
Nominal voltage (III/3)	500 V
Rated surge voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ 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
Pole No.	3
Total number of connection points	3
Total number of potentials	3
Wiring type	Front-entry wiring

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## Geometrical Data

Width	30,6 mm / 1.205 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
---------------	--------------

## Plug connection

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

## Material Data


Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,21 MJ
Weight	8,3 g

## Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	DE
GTIN	4044918481007
Customs tariff number	85366990990

## Aprobări / certificate

### Country specific Approvals



Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7626

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CCA

	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

## Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

## UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UR Underwriters Laboratories Inc.	UL 1059	20190731-E45172
	UR Underwriters Laboratories Inc.	UL 1977	20151210-E45171

## Counterpart




## Produse compatibile

Supus modificărilor.

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### Insulation stop

	<b>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>

### Locking lever

	<b>Nr. articol: 769-428</b> Locking lever; gray	<a href="http://www.wago.com/769-428">www.wago.com/769-428</a>
	<b>Nr. articol: 769-429</b> Locking lever; orange	<a href="http://www.wago.com/769-429">www.wago.com/769-429</a>
	<b>Nr. articol: 769-430</b> Locking lever; gray	<a href="http://www.wago.com/769-430">www.wago.com/769-430</a>
	<b>Nr. articol: 769-431</b> Locking lever; orange	<a href="http://www.wago.com/769-431">www.wago.com/769-431</a>

### Protective Warning Marker















	<b>Nr. articol: 280-415</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	<a href="http://www.wago.com/280-415">www.wago.com/280-415</a>
--	--	--

### ferrule

	<b>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>

**Nr. articol: 216-202**

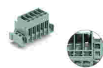
Supus modificărilor.

	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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Male plug</b>		
	<b>Nr. articol: 769-603</b> 1-conductor male connector; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-603">www.wago.com/769-603</a>
	<b>Nr. articol: 769-603/001-000</b> 1-conductor male connector; Snap-in mounting feet; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-603/001-000">www.wago.com/769-603/001-000</a>
	<b>Nr. articol: 769-603/002-000</b> 1-conductor male connector; clamping collar; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-603/002-000">www.wago.com/769-603/002-000</a>
	<b>Nr. articol: 769-603/004-000</b> 1-conductor male connector; Feedthrough flange; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-603/004-000">www.wago.com/769-603/004-000</a>
	<b>Nr. articol: 769-603/005-000</b> 1-conductor male connector; Snap-in flange; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-603/005-000">www.wago.com/769-603/005-000</a>
	<b>Nr. articol: 769-603/006-000</b> 1-conductor male connector; Snap-in flange; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/769-603/006-000">www.wago.com/769-603/006-000</a>
	<b>Nr. articol: 769-633</b> THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	<a href="http://www.wago.com/769-633">www.wago.com/769-633</a>
	<b>Nr. articol: 769-633/000-036</b> THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	<a href="http://www.wago.com/769-633/000-036">www.wago.com/769-633/000-036</a>
	<b>Nr. articol: 769-633/003-000</b> THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 3-pole; gray	<a href="http://www.wago.com/769-633/003-000">www.wago.com/769-633/003-000</a>

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**Nr. articol:** 769-633/003-036

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray

[www.wago.com/769-633/003-036](http://www.wago.com/769-633/003-036)**Nr. articol:** 769-633/004-000

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray

[www.wago.com/769-633/004-000](http://www.wago.com/769-633/004-000)**Nr. articol:** 769-633/007-000

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 3-pole; gray

[www.wago.com/769-633/007-000](http://www.wago.com/769-633/007-000)**Nr. articol:** 769-663

Male connector; with angled solder pins; Horizontal PCB mounting; 1 x 1 mm; Pin spacing 5 mm / 0.197 in; 3-pole; gray

[www.wago.com/769-663](http://www.wago.com/769-663)**Nr. articol:** 769-663/003-000

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 3-pole; gray

[www.wago.com/769-663/003-000](http://www.wago.com/769-663/003-000)**Nr. articol:** 769-663/004-000

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 3-pole; gray

[www.wago.com/769-663/004-000](http://www.wago.com/769-663/004-000)**check****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)**General accessories****Nr. articol:** 769-436

Jumper cover; for 1-conductor female plugs; for 5 poles; gray

[www.wago.com/769-436](http://www.wago.com/769-436)**Jumper****Nr. articol:** 769-402

Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs; gray

[www.wago.com/769-402](http://www.wago.com/769-402)**Marking accessories****Nr. articol:** 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-145](http://www.wago.com/2009-145)**Nr. articol:** 2009-145/000-002

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

[www.wago.com/2009-145/000-002](http://www.wago.com/2009-145/000-002)**Nr. articol:** 2009-145/000-005















Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

[www.wago.com/2009-145/000-005](http://www.wago.com/2009-145/000-005)**Nr. articol:** 2009-145/000-006

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

[www.wago.com/2009-145/000-006](http://www.wago.com/2009-145/000-006)

Supus modificărilor.

	<b>Nr. articol: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a>
	<b>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>Nr. articol: 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>
	<b>Nr. articol: 248-501/000-002</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a>
	<b>Nr. articol: 248-501/000-005</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a>
	<b>Nr. articol: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>
	<b>Nr. articol: 248-501/000-007</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a>

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Nr. articol: 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)



Nr. articol: 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)



Nr. articol: 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)



Nr. articol: 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



Nr. articol: 769-1603

Strain relief housing; gray

[www.wago.com/769-1603](http://www.wago.com/769-1603)



Nr. articol: 769-411

Strain relief plate; gray

[www.wago.com/769-411](http://www.wago.com/769-411)

## Descărcări

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

pdf  
2,1 MB

Descărcare

### CAD/CAE-Data

#### CAD data

2D/3D Models 769-103/021-000

URL

Descărcare

#### CAE data

EPLAN Data Portal 769-103/021-000

URL

Descărcare

WSCAD Universe 769-103/021-000

URL

Descărcare

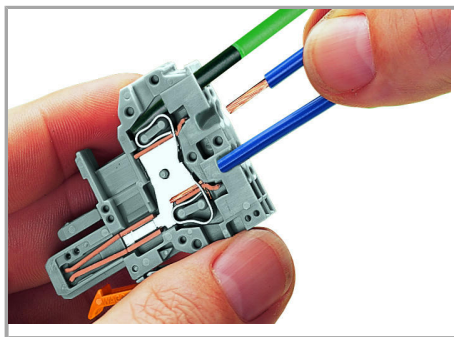
## Installation Notes

### Conductor termination

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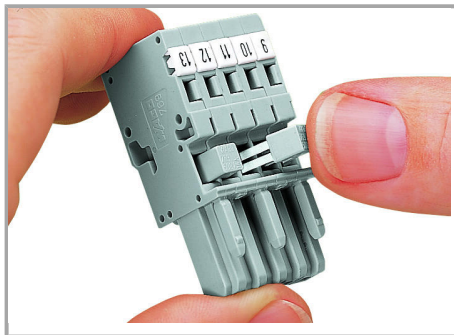
### CAGE CLAMP® connection

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

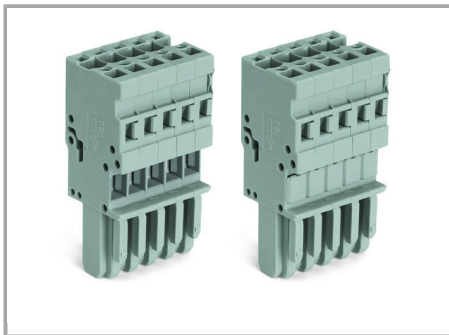
Operation 90° to conductor is also possible.

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

### Commoning



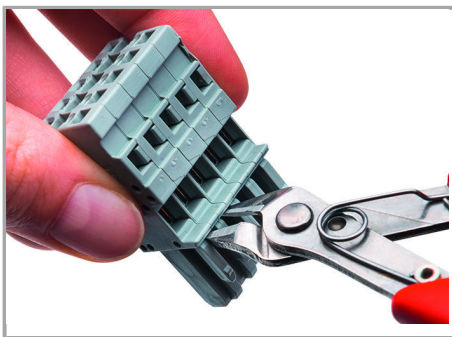
Commoning 1-conductor female plugs via miniature adjacent jumpers.



Jumper cover for 1-conductor female plugs

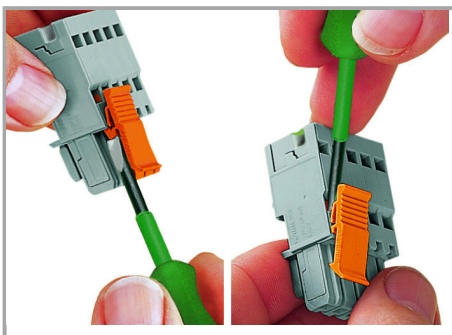
### Coding

Supus modificărilor.



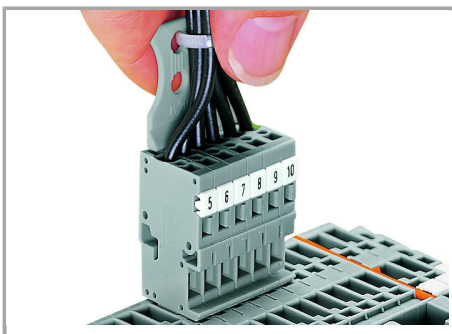
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

#### Locking lever



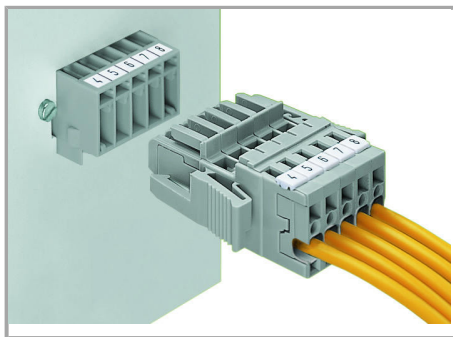
Locking/releasing a lever.

#### Strain Relief

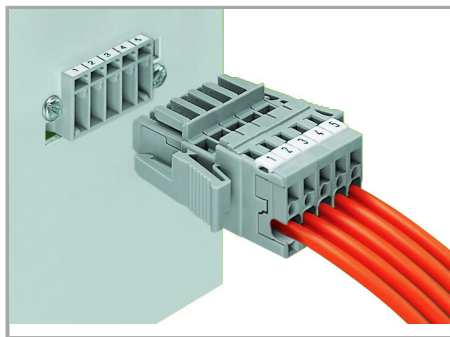


Removing a female plug via conductor bundle provided with strain relief plate.

Supus modificărilor.



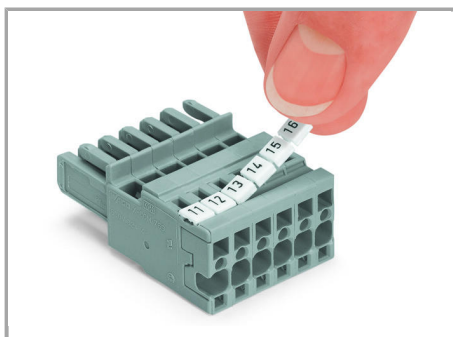
Male header with mounting flanges



Male header and 1-conductor female plug with lateral locking levers

1-conductor female plug with lateral locking levers

### Marking



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

### Familie de produse

#### X-COM

Afișare globală produse din familie.

Supus modificărilor.