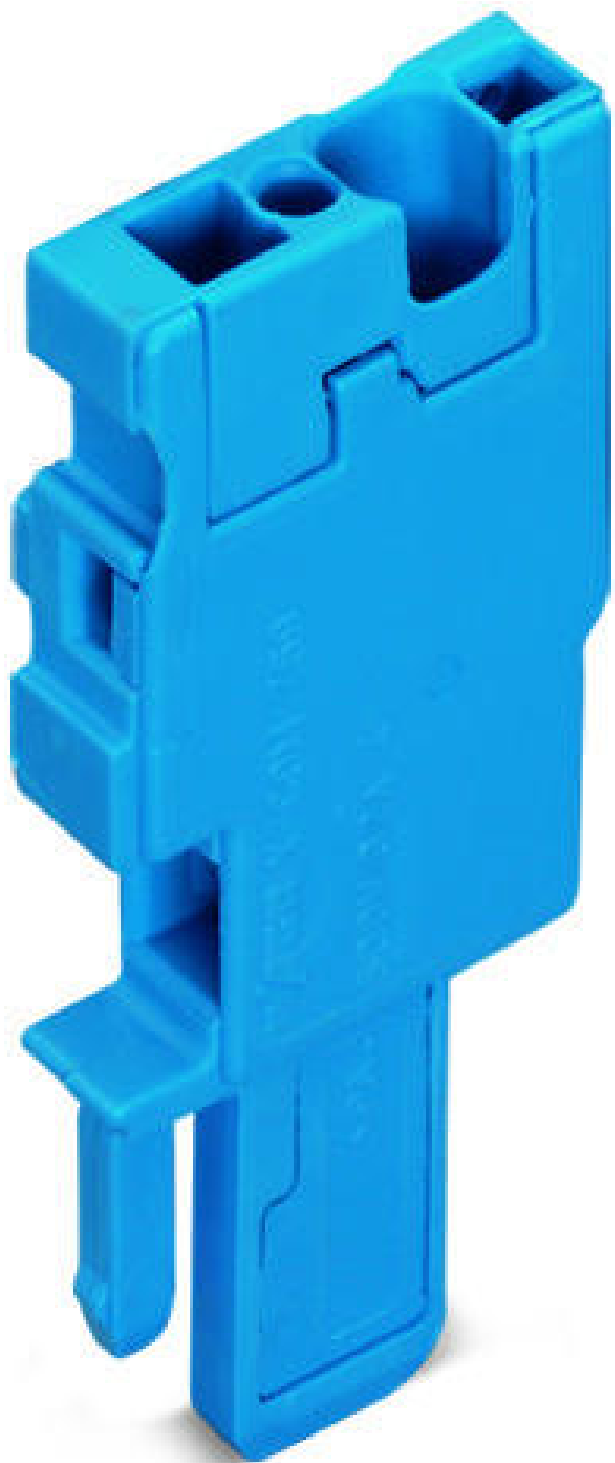



Supus modificărilor.



Supus modificărilor.

RoHS   
Compliant



Culoare: 

## Descriere articol

### Customizing Modular Female Plugs

WAGO's modular X-COM®-SYSTEM female plugs can be customized for applications that require a varying number of poles (e.g., when designing prototypes).

### Modules and Pole Numbers

A customized X-COM®-SYSTEM female plug consists of:

- One base module with an integrated end plate
- Up to 13 center modules (corresponding to a 15-pole female plug = maximum pole number)
- One end module

### Intended Use

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

### Assembly

The appropriate mounting tool shall be used to ensure that the individual modules are properly attached to each other without damaging the locking latches.

### 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

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/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.



## 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.	1
Total number of connection points	1
Total number of potentials	1
Wiring type	Front-entry wiring

## Geometrical Data

Width	5 mm / 0.197 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	blue
Insulation material	Polyamide 66 (PA 66)
Fire load	0,06 MJ
Weight	3,4 g

## Commercial data

Packaging type	bag
----------------	-----

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Country of origin	DE
GTIN	4045454217334
Customs tariff number	85366990990

## Aprobări / certificate

### Country specific Approvals

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

### UL-Approvals

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

## Counterpart

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## Produse compatibile

### Strain relief plate

	<b>Nr. articol: 769-1602</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1602">www.wago.com/769-1602</a>
	<b>Nr. articol: 769-1603</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1603">www.wago.com/769-1603</a>
	<b>Nr. articol: 769-1604</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1604">www.wago.com/769-1604</a>
	<b>Nr. articol: 769-1605</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1605">www.wago.com/769-1605</a>
	<b>Nr. articol: 769-1606</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1606">www.wago.com/769-1606</a>
	<b>Nr. articol: 769-1607</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1607">www.wago.com/769-1607</a>
	<b>Nr. articol: 769-1608</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1608">www.wago.com/769-1608</a>
	<b>Nr. articol: 769-1609</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1609">www.wago.com/769-1609</a>
	<b>Nr. articol: 769-1610</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1610">www.wago.com/769-1610</a>
	<b>Nr. articol: 769-1611</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1611">www.wago.com/769-1611</a>
	<b>Nr. articol: 769-1612</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1612">www.wago.com/769-1612</a>
	<b>Nr. articol: 769-1613</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1613">www.wago.com/769-1613</a>
	<b>Nr. articol: 769-1614</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1614">www.wago.com/769-1614</a>

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**Nr. articol: 769-1615**  
Strain relief housing; gray

[www.wago.com/769-1615](http://www.wago.com/769-1615)



**Nr. articol: 769-410**  
Strain relief plate; gray

[www.wago.com/769-410](http://www.wago.com/769-410)



**Nr. articol: 769-411**  
Strain relief plate; gray

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



**Nr. articol: 769-412**  
Strain relief plate; gray

[www.wago.com/769-412](http://www.wago.com/769-412)



**Nr. articol: 769-413**  
Strain relief plate; gray

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



**Nr. articol: 769-414**  
Strain relief plate; gray

[www.wago.com/769-414](http://www.wago.com/769-414)

#### Locking lever



**Nr. articol: 769-428**  
Locking lever; gray

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



**Nr. articol: 769-429**  
Locking lever; orange

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

#### 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)

#### Insulation stop



**Nr. articol: 769-470**  
Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip; white

[www.wago.com/769-470](http://www.wago.com/769-470)



**Nr. articol: 769-471**  
Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray

[www.wago.com/769-471](http://www.wago.com/769-471)



**Nr. articol: 769-472**  
Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; dark gray

[www.wago.com/769-472](http://www.wago.com/769-472)

#### 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)

#### ferrule



**Nr. articol: 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)



**Nr. articol: 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)

Supus modificărilor.

	<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>
	<b>Nr. articol: 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>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>Jumper</b>		
	<b>Nr. articol: 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>Marking accessories</b>		
	<b>Nr. articol: 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>Nr. articol: 2009-145/000-002</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a>
	<b>Nr. articol: 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	<a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a>
	<b>Nr. articol: 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	<a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a>
	<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;	<a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a>

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orange

**Nr. articol:** 2009-145/000-023

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

[www.wago.com/2009-145/000-023](http://www.wago.com/2009-145/000-023)**Nr. articol:** 2009-145/000-024

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

[www.wago.com/2009-145/000-024](http://www.wago.com/2009-145/000-024)**Nr. articol:** 210-805

Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white

[www.wago.com/210-805](http://www.wago.com/210-805)**Nr. articol:** 210-805/000-002

Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow

[www.wago.com/210-805/000-002](http://www.wago.com/210-805/000-002)**Nr. articol:** 210-831

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

[www.wago.com/210-831](http://www.wago.com/210-831)**Nr. articol:** 210-832

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

[www.wago.com/210-832](http://www.wago.com/210-832)**Nr. articol:** 248-501

Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card

[www.wago.com/248-501](http://www.wago.com/248-501)**Nr. articol:** 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)**Nr. articol:** 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)**Nr. articol:** 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)**Nr. articol:** 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)**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)

Supus modificărilor.



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)

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#### Protective Warning Marker



Nr. articol: 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)

## Descărcări

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

pdf  
2,1 MB

[Descărcare](#)

---

### CAD/CAE-Data

#### CAD data

2D/3D Models 769-501/000-006

[URL](#)

[Descărcare](#)

#### CAE data

EPLAN Data Portal 769-501/000-006

[URL](#)

[Descărcare](#)

WSCAD Universe 769-501/000-006

[URL](#)

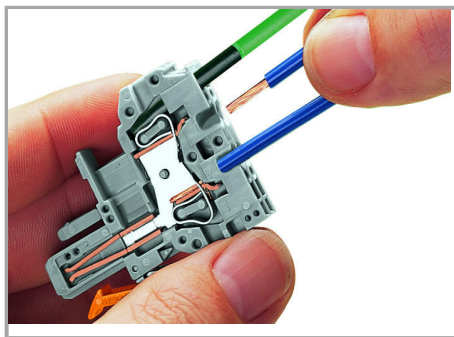
[Descărcare](#)

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### Installation Notes

Conductor termination

Supus modificărilor.



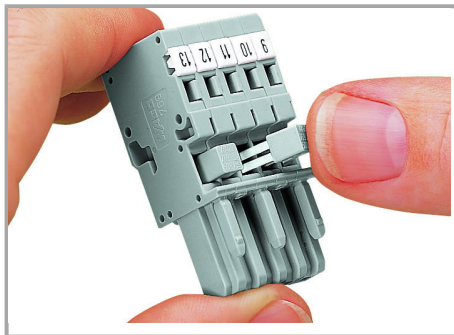
### CAGE CLAMP® connection

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

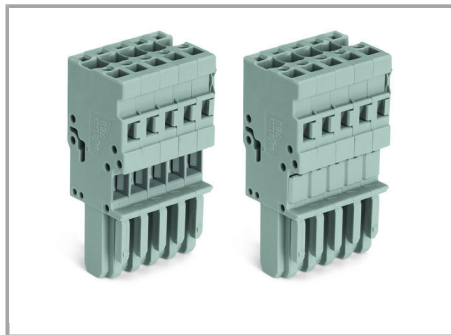
Operation 90° to conductor is also possible.

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

### Commoning



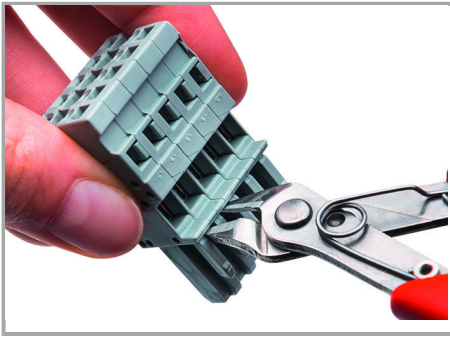
Commoning 1-conductor female plugs via miniature adjacent jumpers.



Jumper cover for 1-conductor female plugs

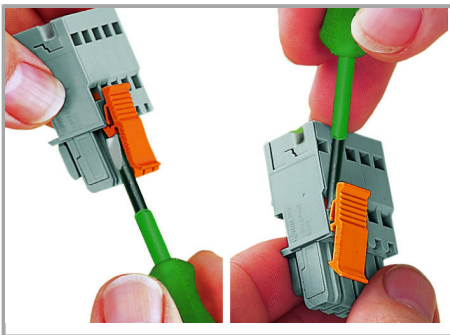
### Coding

Supus modificărilor.



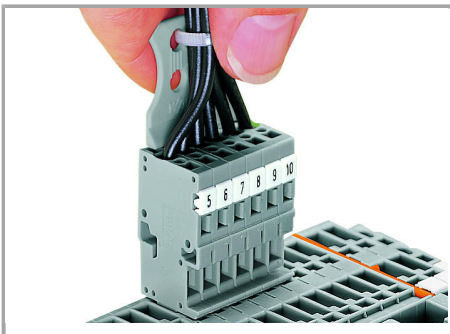
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

#### Locking lever



Locking/releasing a lever.

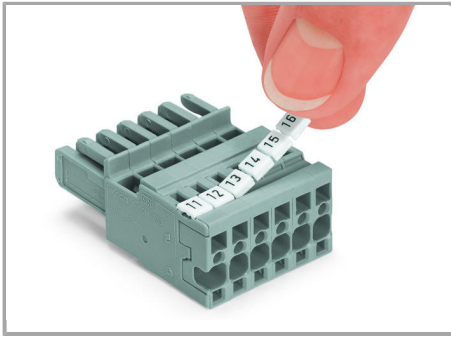
#### Strain Relief



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

#### Marking

Supus modificărilor.



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.