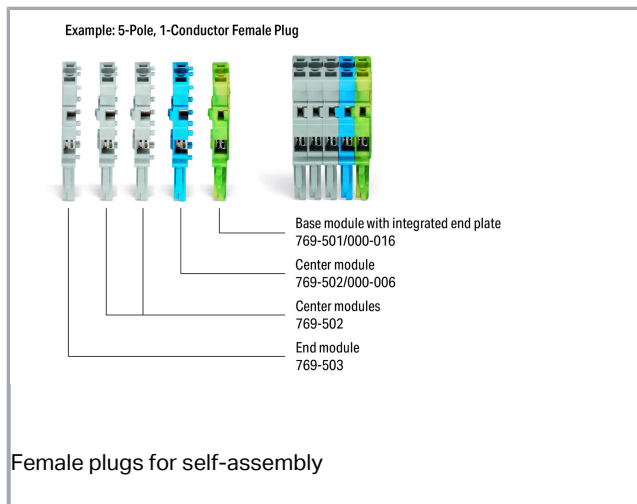


Fișă tehnică | Număr articol: 769-501

Start module for 1-conductor female connector; with integrated end plate; 4 mm<sup>2</sup>; 1-pole; 4,00 mm<sup>2</sup>; gray

[www.wago.com/769-501](http://www.wago.com/769-501)



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

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



Supus modificărilor.



## 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

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

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	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,059 MJ
Weight	3,4 g

## Commercial data

Product Group	18 (X-COM-System)
---------------	-------------------

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

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



Packaging type	bag
Country of origin	DE
GTIN	4017332331418
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
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

### 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








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


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


## Produse compatibile


### Marking accessories


	<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; 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>


Supus modificărilor.


 **Nr. articol: 210-832** [www.wago.com/210-832](http://www.wago.com/210-832)  
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white


 **Nr. articol: 248-501** [www.wago.com/248-501](http://www.wago.com/248-501)  
Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card


 **Nr. articol: 248-501/000-002** [www.wago.com/248-501/000-002](http://www.wago.com/248-501/000-002)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow


 **Nr. articol: 248-501/000-005** [www.wago.com/248-501/000-005](http://www.wago.com/248-501/000-005)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red


 **Nr. articol: 248-501/000-006** [www.wago.com/248-501/000-006](http://www.wago.com/248-501/000-006)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

 **Nr. articol: 248-501/000-007** [www.wago.com/248-501/000-007](http://www.wago.com/248-501/000-007)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

 **Nr. articol: 248-501/000-012** [www.wago.com/248-501/000-012](http://www.wago.com/248-501/000-012)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

 **Nr. articol: 248-501/000-017** [www.wago.com/248-501/000-017](http://www.wago.com/248-501/000-017)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

 **Nr. articol: 248-501/000-023** [www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

 **Nr. articol: 248-501/000-024** [www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet


#### Jumper

 **Nr. articol: 769-402** [www.wago.com/769-402](http://www.wago.com/769-402)  
Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs; gray

#### ferrule



















 **Nr. articol: 216-101** [www.wago.com/216-101](http://www.wago.com/216-101)  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated

 **Nr. articol: 216-102** [www.wago.com/216-102](http://www.wago.com/216-102)  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated

 **Nr. articol: 216-103** [www.wago.com/216-103](http://www.wago.com/216-103)  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

**Nr. articol: 216-104**

Supus modificărilor.

















	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>Strain relief plate</b>		
	<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>

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

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



	<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>
	<b>Nr. articol: 769-1615</b> Strain relief housing; gray	<a href="http://www.wago.com/769-1615">www.wago.com/769-1615</a>
	<b>Nr. articol: 769-410</b> Strain relief plate; gray	<a href="http://www.wago.com/769-410">www.wago.com/769-410</a>
	<b>Nr. articol: 769-411</b> Strain relief plate; gray	<a href="http://www.wago.com/769-411">www.wago.com/769-411</a>
	<b>Nr. articol: 769-412</b> Strain relief plate; gray	<a href="http://www.wago.com/769-412">www.wago.com/769-412</a>
	<b>Nr. articol: 769-413</b> Strain relief plate; gray	<a href="http://www.wago.com/769-413">www.wago.com/769-413</a>
	<b>Nr. articol: 769-414</b> Strain relief plate; gray	<a href="http://www.wago.com/769-414">www.wago.com/769-414</a>
<b>Insulation stop</b>		
	<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>
<b>check</b>		
	<b>Nr. articol: 210-136</b> Test plug; 2 mm Ø; with 500 mm cable; red	<a href="http://www.wago.com/210-136">www.wago.com/210-136</a>
	<b>Nr. articol: 210-137</b> Test plug; 2.3 mm Ø; with 500 mm cable; yellow	<a href="http://www.wago.com/210-137">www.wago.com/210-137</a>
<b>General accessories</b>		
	<b>Nr. articol: 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>
<b>Locking lever</b>		
	<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>	

Supus modificărilor.



Locking lever; orange

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

---

#### 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

[URL](#)

[Descărcare](#)

##### CAE data

EPLAN Data Portal 769-501

[URL](#)

[Descărcare](#)

WSCAD Universe 769-501

[URL](#)

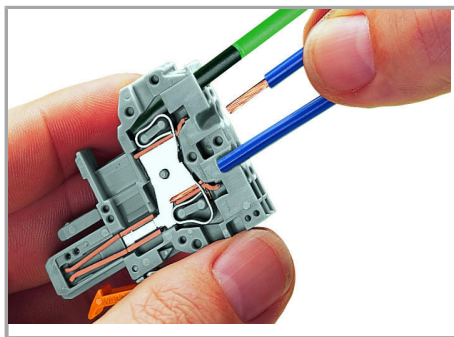
[Descărcare](#)

---

#### Installation Notes

Conductor termination

Supus modificărilor.



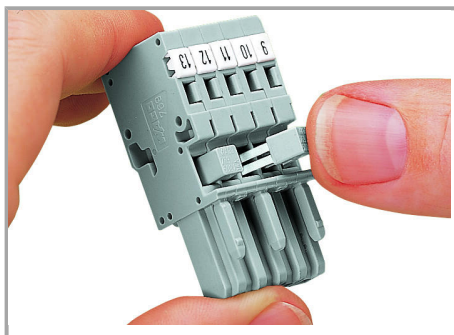
### CAGE CLAMP® connection

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

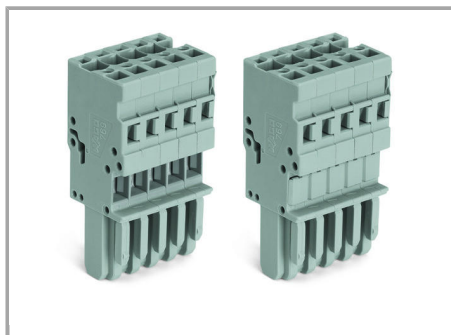
Operation 90° to conductor is also possible.

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

### Commoning



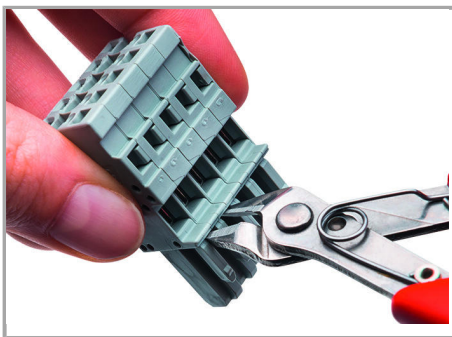
Commoning 1-conductor female plugs via miniature adjacent jumpers.



Jumper cover for 1-conductor female plugs

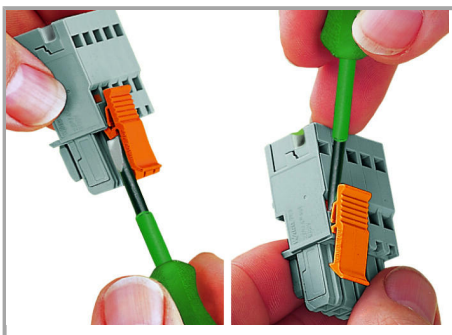
### Coding

Supus modificărilor.



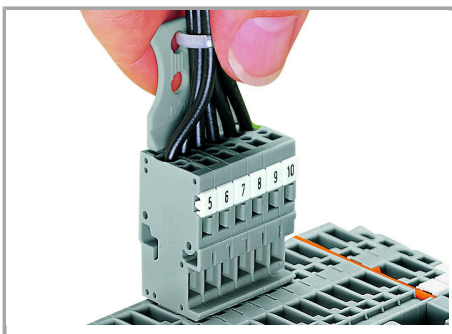
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

#### Locking lever



Locking/releasing a lever.

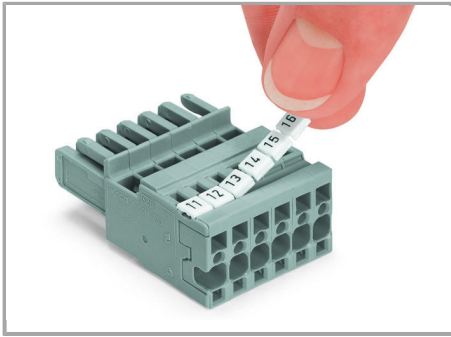
#### Strain Relief



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.