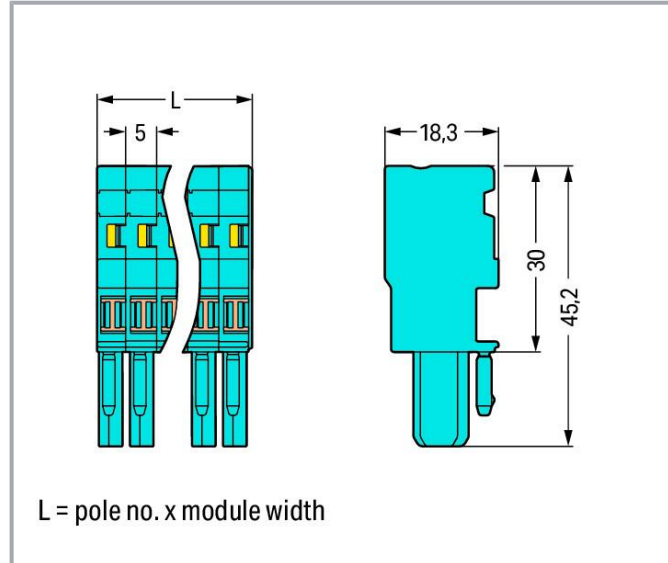


Data sheet | Item number: 769-105/000-006

1-conductor female connector; CAGE CLAMP®; 4 mm<sup>2</sup>; Pin spacing 5 mm; 5-pole; coding finger; 4,00 mm<sup>2</sup>; blue

[www.wago.com/769-105/000-006](http://www.wago.com/769-105/000-006)



## Data

## Notes

Safety information

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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## Electrical data

### Ratings per IEC/EN

Ratings per	IEC/EN 61984
Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

### Connection data

Connection points	5
Total number of potentials	5

### Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm <sup>2</sup> / 12 AWG
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 inches
Pole number	5
Wiring direction	Front-entry wiring

### Physical data

Width	25 mm / 0.984 inches
Height	45.2 mm / 1.78 inches
Depth	18.3 mm / 0.72 inches
Module width	5 mm / 0.197 inches

### Mechanical Data

Variable coding	Yes
Direct ground contact to DIN-rail/drilled hole/housing	No
Marking level	Side marking
Anti-rotation protection	Yes

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

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## Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismatching protection	No
Plugging without loss of pin spacing	Yes

## Material data

Note (material data)	Information on material specifications can be found here
Color	blue
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.345 MJ
Halogen-free	Yes
Weight	16.3 g

## Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

## Commercial data

eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
ECCN	NO DATA
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454579821
Customs tariff number	85366990990

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

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## Environmental Product Compliance

RoHS Compliance Status


Compliant, No Exemption

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799 /A1
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CSA CSA Group	C22.2	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01
	UL Underwriters Laboratories Inc.	UL 1977	E 45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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

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UK-Declaration of Conformity  
WAGO GmbH & Co. KG

## Optional accessories

### Testing and measuring

#### Testing 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)

### Insulation stop

#### Insulation stop



**Item no.: 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)



**Item no.: 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)



**Item no.: 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)

### Marking accessories

#### Marking strip



**Item no.: 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)



**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)



**Item no.: 210-832**  
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

[www.wago.com/210-832](http://www.wago.com/210-832)

#### Label



**Item no.: 210-805**  
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white

[www.wago.com/210-805](http://www.wago.com/210-805)





**Item no.: 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)

#### Marker


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

	<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>
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	<b>Item no.: 248-501</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white <a href="http://www.wago.com/248-501">www.wago.com/248-501</a>
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**Strain relief**

Strain relief

	<b>Item no.: 769-1605</b> Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 5-pole; gray <a href="http://www.wago.com/769-1605">www.wago.com/769-1605</a>
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	<b>Item no.: 769-412</b> Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 4- to 5-pole; gray <a href="http://www.wago.com/769-412">www.wago.com/769-412</a>
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**Ferrule**

Ferrule


	<b>Item no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored <a href="http://www.wago.com/216-101">www.wago.com/216-101</a>
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	<b>Item no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated; silver-colored <a href="http://www.wago.com/216-104">www.wago.com/216-104</a>
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	<b>Item no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored <a href="http://www.wago.com/216-102">www.wago.com/216-102</a>
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	<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>
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	<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.: 216-206</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.: 216-202</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>
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	<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>
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	<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>
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	<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>
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	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise <a href="http://www.wago.com/216-302">www.wago.com/216-302</a>
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**Cover**

Cover

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



**Item no.: 769-436**  
Jumper cover; for 1-conductor female plugs; for 5 poles; gray

[www.wago.com/769-436](http://www.wago.com/769-436)

**Protective warning marker**

Cover



**Item no.: 280-415**  
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

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

**Tool**

Operating tool



**Item no.: 210-490**  
Operating tool

[www.wago.com/210-490](http://www.wago.com/210-490)



**Item no.: 769-434**  
Operating tool; made of insulating material; 1-way; loose; white

[www.wago.com/769-434](http://www.wago.com/769-434)

**Jumpers**

Jumper



**Item no.: 769-402**  
Jumper; insulated; gray

[www.wago.com/769-402](http://www.wago.com/769-402)

**Locking levers**

Locking system



**Item no.: 769-430**  
Locking lever; for female connectors; 1 part; Pin spacing 5 mm; 2-pole; gray

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



**Item no.: 769-431**  
Locking lever; for female connectors; 1 part; Pin spacing 5 mm; 2-pole; orange

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

**Downloads**

**Documentation**

**Bid Text**

769-105/000-006 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
769-105/000-006 doc - Datei	2017 Oct 4	doc 25.6 kB	Download

**Additional Information**

pdf  
2.3 MB  
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## CAD/CAE-Data

### CAD data

2D/3D Models 769-105/000-006	<a href="#">URL</a>	<a href="#">Download</a>
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### CAE data

EPLAN Data Portal 769-105/000-006	<a href="#">URL</a>	<a href="#">Download</a>
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WSCAD Universe 769-105/000-006	<a href="#">URL</a>	<a href="#">Download</a>
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ZUKEN Portal 769-105/000-006	<a href="#">URL</a>	<a href="#">Download</a>
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EPLAN Data Portal 769-105/000-006	<a href="#">URL</a>	<a href="#">Download</a>
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WSCAD Universe 769-105/000-006	<a href="#">URL</a>	<a href="#">Download</a>
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### Asset Administration Shell

Asset Administration Shell 769-105/000-006	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 769-105/000-006	<a href="#">URL</a>	<a href="#">Download</a>
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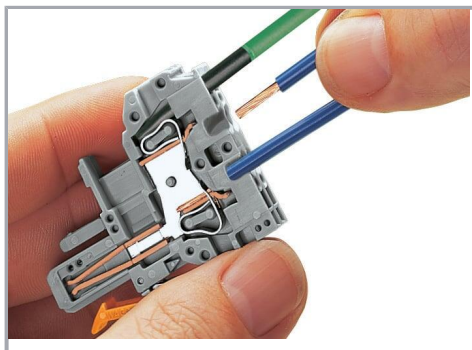
1-conductor female connector; CAGE CLAMP®; 4 mm<sup>2</sup>; Pin spacing 5 mm; 5-pole; coding finger; 4,00 mm<sup>2</sup>; blue

## Installation Notes

### Conductor termination

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

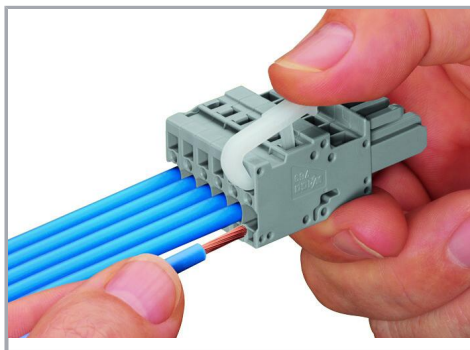




**CAGE CLAMP® connection**

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

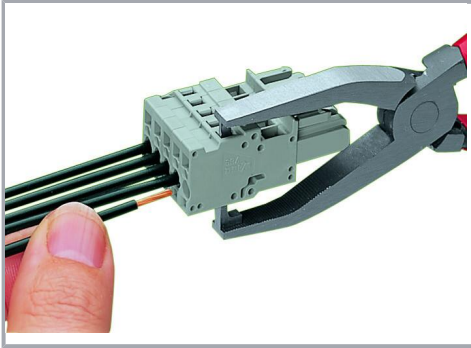
Operation 90° to conductor is also possible. With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.



**Operating lever**

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

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

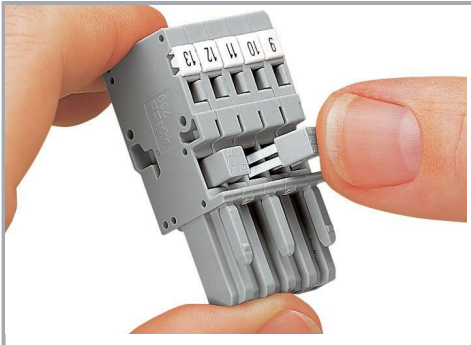


#### Operating tool

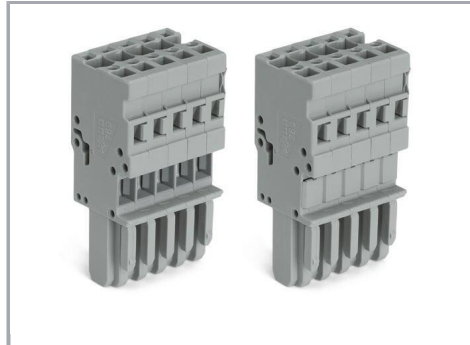
Inserting a conductor – side-entry wiring  
(example shows a female plug).

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

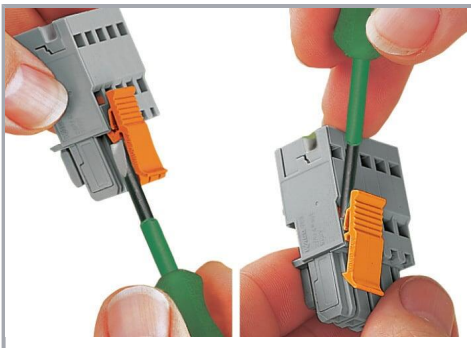
#### Coding

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



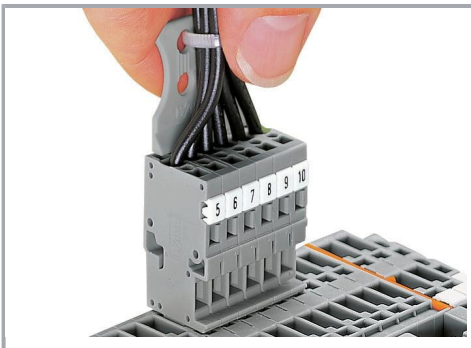
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

#### Locking system



Locking/releasing a lever.

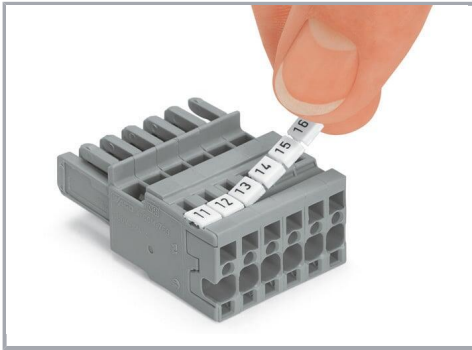
#### Strain relief



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

[Show all products from the family](#)

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