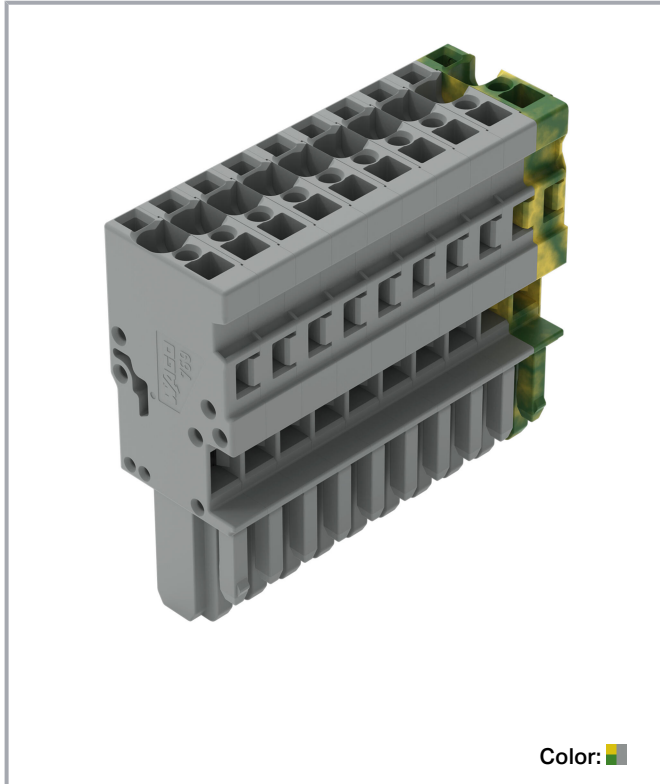


Data sheet | Item number: 769-110/000-036

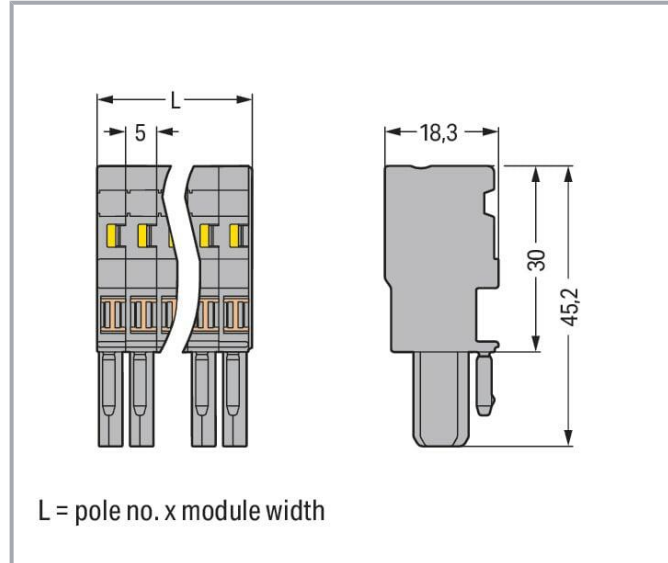
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm;
10-pole; coding finger; 4,00 mm²; green-yellow/gray



www.wago.com/769-110/000-036



Color:



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.

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

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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Legend (ratings)

(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection points	10
Total number of potentials	10

Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm ² / 12 AWG
Solid conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	10
Wiring direction	Front-entry wiring

Physical data

Width	50 mm / 1.969 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

Plug-in connection

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

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



Material Data

Note (material data)

Information on material specifications can be found here

Color	green-yellow/gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.609 MJ
Halogen-free	Yes
Weight	32.4 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
PU (SPU)	25 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454486693
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144

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



UL	UL 1977	E 45171
Underwriters Laboratories Inc.		



UR	UL 1059	E45172
Underwriters Laboratories Inc.		



Optional accessories

Testing and measuring

Testing accessories



Item no.: 210-136	www.wago.com/210-136
Test plug; 2 mm Ø; with 500 mm cable; red	

Insulation stop

Insulation stop



Item no.: 769-470	www.wago.com/769-470
Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip; white	



Item no.: 769-471	www.wago.com/769-471
Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray	



Item no.: 769-472	www.wago.com/769-472
Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; dark gray	

Marking accessories

Marking strip



Item no.: 210-831	www.wago.com/210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white	

















Item no.: 210-834	www.wago.com/210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white	













Item no.: 210-832	www.wago.com/210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white	

Label

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

	Item no.: 210-805 Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white	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
Marker		
	Item no.: 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
	Item no.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/248-501
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
Cover		
Cover		
	Item no.: 769-436 Jumper cover; for 1-conductor female plugs; for 5 poles; gray	www.wago.com/769-436
Ferrule		
Ferrule		
	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-101
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-104
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204

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

	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; light turquoise	www.wago.com/216-302
Jumpers		
Jumper		
	Item no.: 769-402 Jumper; insulated; gray	www.wago.com/769-402
Strain relief		
Strain relief		
	Item no.: 769-1610 Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 10-pole; gray	www.wago.com/769-1610
	Item no.: 769-414 Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 10- to 15-pole; gray	www.wago.com/769-414
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
	Item no.: 769-431 Locking lever; for female connectors; 1 part; Pin spacing 5 mm; 2-pole; orange	www.wago.com/769-431
Tool		
Operating tool		
	Item no.: 210-490 Operating tool	www.wago.com/210-490
	Item no.: 769-434 Operating tool; made of insulating material; 1-way; loose; white	www.wago.com/769-434

Downloads

Documentation

Bid Text

769-110/000-036	2019 Feb 19	xml	Download
X81 - Datei		3.3 kB	

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



769-110/000-036	2017 Oct 4	doc	Download
doc - Datei		26.1 kB	

Additional Information

Technical Section		pdf	Download
Technical explanations		2.2 MB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 769-110/000-036		URL	Download
WSCAD Universe 769-110/000-036		URL	Download
WSCAD Universe 769-110/000-036		URL	Download
EPLAN Data Portal 769-110/000-036		URL	Download
ZUKEN Portal 769-110/000-036		URL	Download

CAD data

2D/3D Models 769-110/000-036		URL	Download
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Environmental Product Compliance

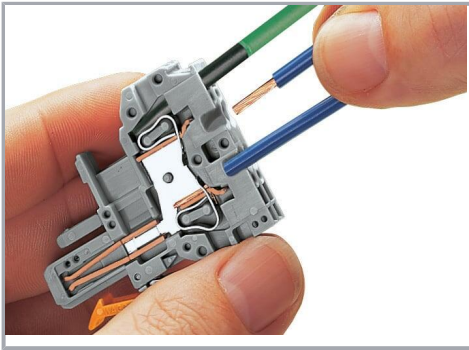
Compliance Search

Environmental Product Compliance 769-110/000-036		URL	Download
1-conductor female connector; CAGE CLAMP®; 4 mm ² ; Pin spacing 5 mm; 10-pole; coding finger; 4,00 mm ² ; green-yellow/gray			

Installation Notes

Conductor termination

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

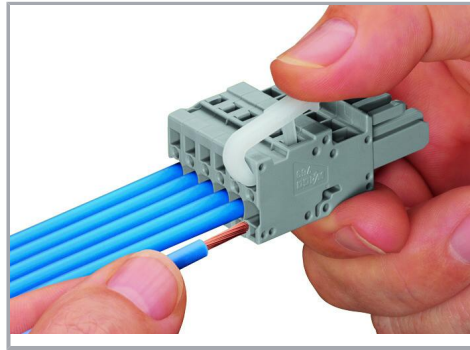


CAGE CLAMP® connection

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

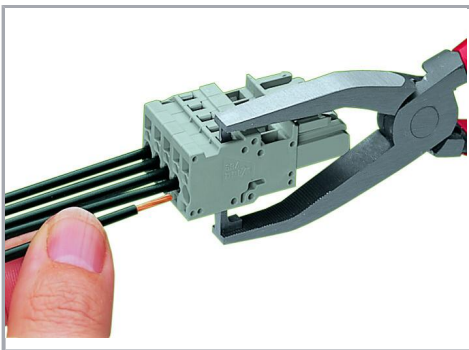
Operation 90° to conductor is also possible.

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).



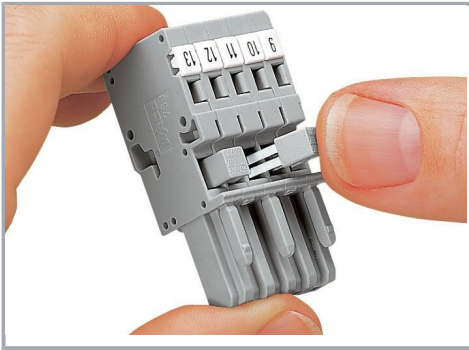
Operating tool

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

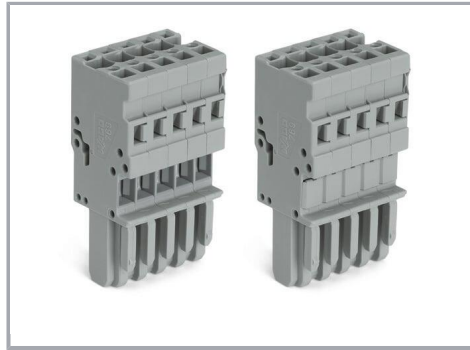
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Commoning

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



Commoning 1-conductor female plugs via miniature adjacent jumpers.



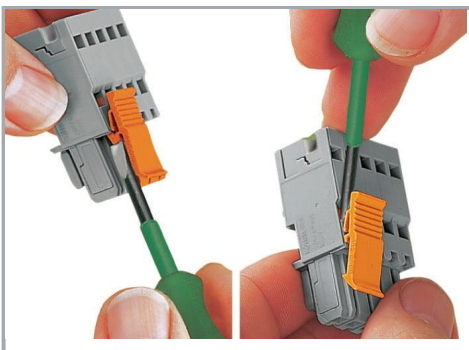
Jumper cover for 1-conductor female plugs

Coding



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.

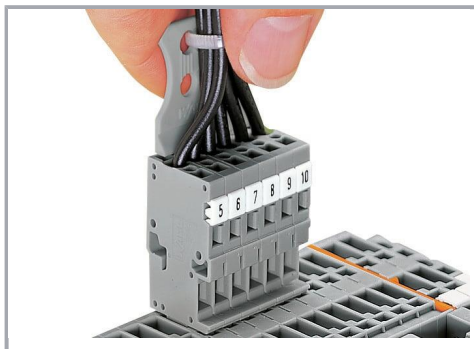
Locking system



Locking/releasing a lever.

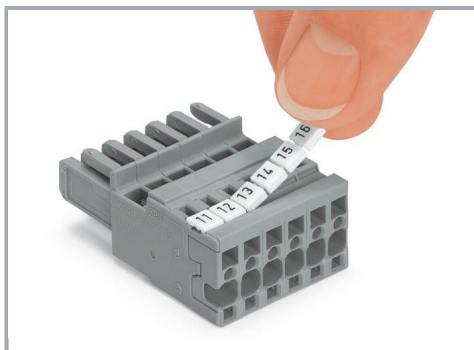
Subject to changes. Please also observe the further product documentation!

Strain relief



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

Marking



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!