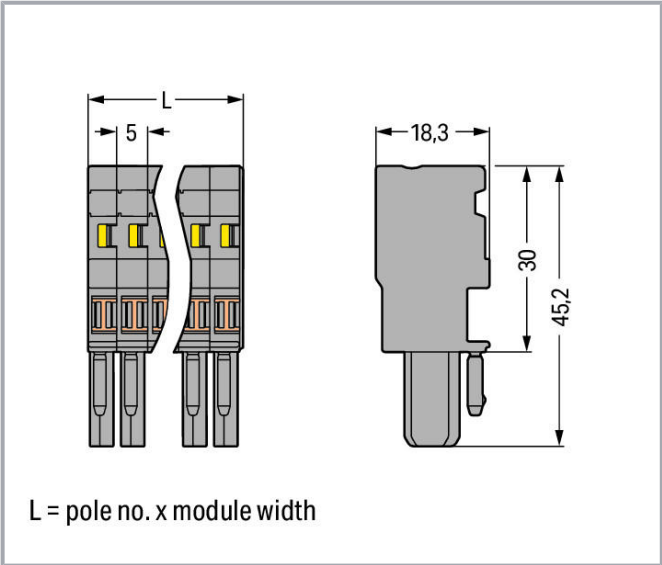
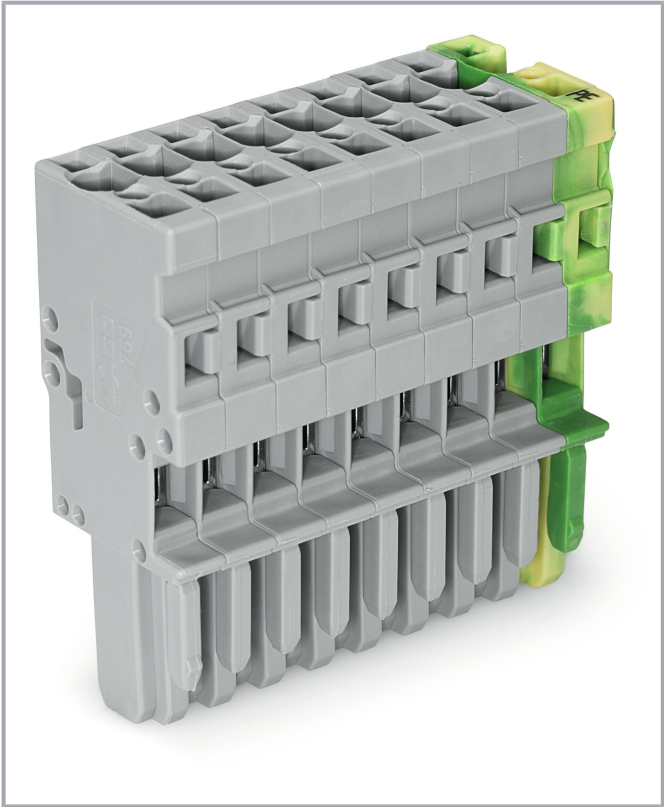




**Data
Notes**

Safety information 1

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

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

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Rated current	32 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Connection data

Total number of connection points	9
Total number of potentials	9

Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm² / 12 AWG
Solid conductor	0.08 ... 4 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Pole number	9
Wiring direction	Front-entry wiring

Physical data

Width	45 mm / 1.772 inch
Height	45.2 mm / 1.78 inch
Depth	18.3 mm / 0.72 inch
Module width	5 mm / 0.197 inch

Mechanical data

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

Plug-in connection

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

Material data

Note (material data)	Information on material data can be found here
----------------------	--

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



Color	green-yellow/gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.47 MJ
Halogen-free	Yes
Weight	29.2 g

Commercial data

PU (SPU)	25 Stück
Packaging type	box
Country of origin VKOrg Germany	DE
GTIN	4045454701154
Customs tariff number VKOrg Germany	85366990990

Approvals / Certificates

Country specific Approvals

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

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1977	E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Optional accessories

Ferrule

Ferrule
Item no.: 216-101

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

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Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-coloredwww.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
	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
Strain relief		
Strain relief		
	Item no.: 769-1609 Strain relief housing; gray	www.wago.com/769-1609
	Item no.: 769-413 Strain relief plate; gray	www.wago.com/769-413
Jumpers		
Jumper		
	Item no.: 769-402 Jumper; insulated; gray	www.wago.com/769-402
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		

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**Tool**

Operating tool

**Item no.: 210-490**

Operating tool

www.wago.com/210-490**Item no.: 769-434**

Push-button; loose

www.wago.com/769-434**Insulation stop**

Insulation stop

**Item no.: 769-470**Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; whitewww.wago.com/769-470**Item no.: 769-471**Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light graywww.wago.com/769-471**Item no.: 769-472**Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark graywww.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**Item no.: 210-834**

Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

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

Label

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**Testing and measuring**

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

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Testing accessories



Item no.: 210-136

Test plug; 2 mm Ø; with 500 mm cable; red

www.wago.com/210-136

Locking levers

Locking system



Item no.: 769-430

Locking lever; gray

www.wago.com/769-430

Item no.: 769-431

Locking lever; orange

www.wago.com/769-431

Downloads

Documentation

Bid Text

769-109/000-036	2019 Feb 19	xml	Download
X81 - Datei		3.3 kB	

769-109/000-036	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 769-109/000-036	URL	Download
WSCAD Universe 769-109/000-036	URL	Download
ZUKEN Portal 769-109/000-036	URL	Download
EPLAN Data Portal 769-109/000-036	URL	Download
WSCAD Universe 769-109/000-036	URL	Download

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CAD data

2D/3D Models 769-109/000-036

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-109/000-036

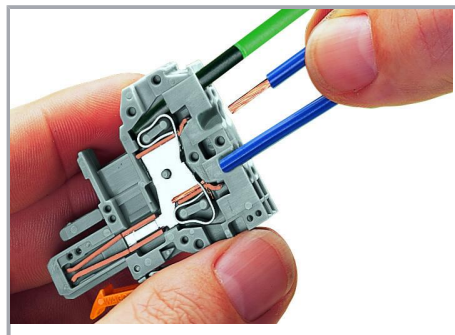
[URL](#)

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1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 9-pole;
coding finger; 4,00 mm²; green-yellow/gray

Installation Notes

Conductor termination

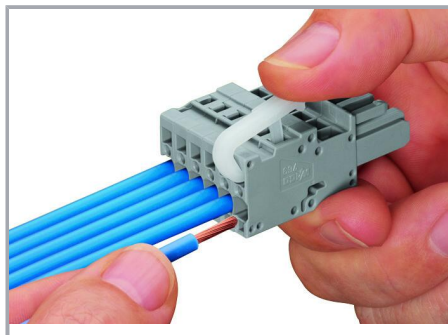


CAGE CLAMP® connection

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

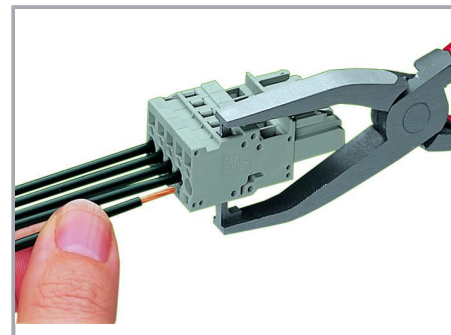
Operation 90° to conductor is also possible.

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).



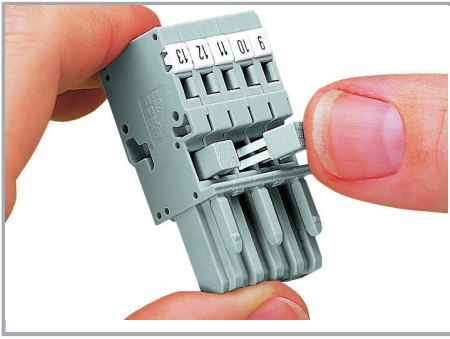
Operating tool

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.



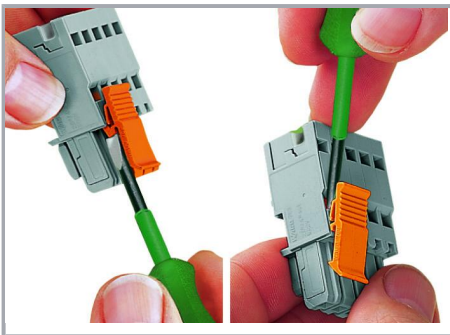
Jumper cover for 1-conductor female plugs

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.

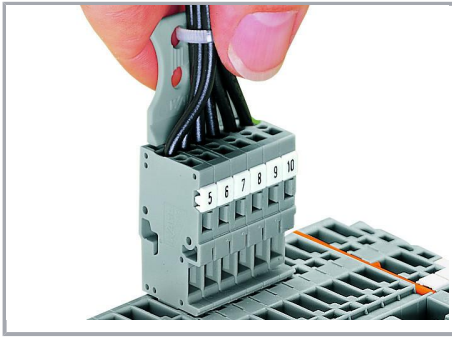
Locking system



Locking/releasing a lever.

Strain relief

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



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!