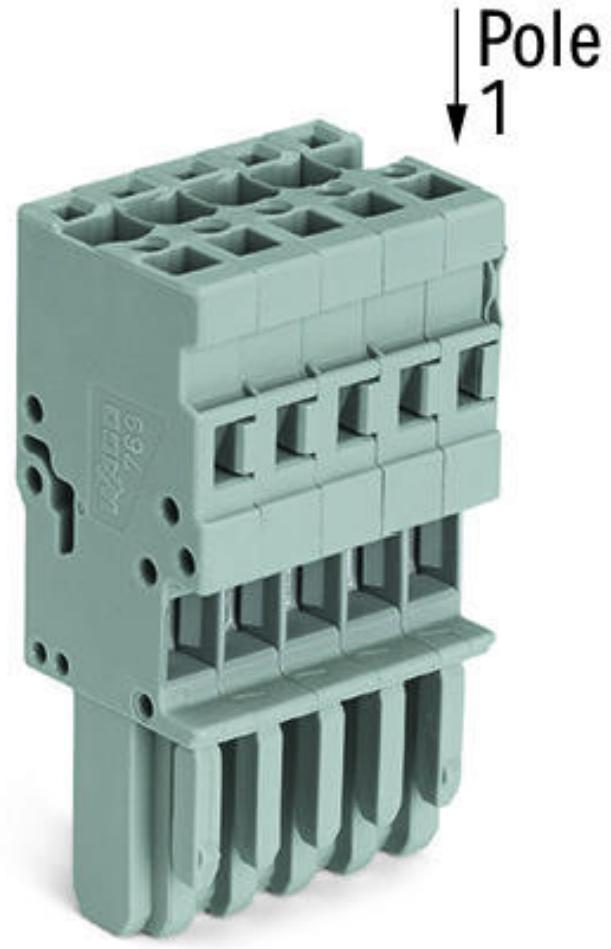
Data sheet | Item number: 769-115

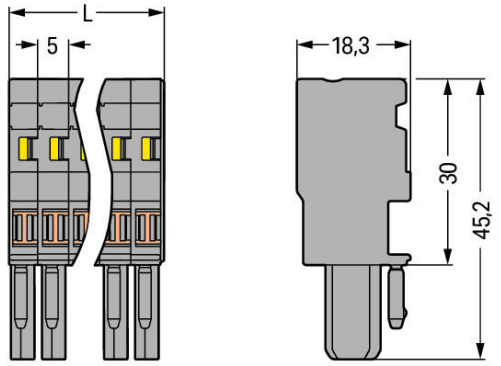
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 15-pole; coding finger; 4,00 mm²; gray

www.wago.com/769-115



Picture differs from the item.

Color:



L = pole no. x module width

Item description

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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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 surge voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Total number of connection points	15
Total number of potentials	15

Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm²
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 No.	15
Wiring direction	Front-entry wiring

Physical data

Width	75 mm / 2.953 inch
Height	45.2 mm / 1.78 inch
Depth	18.3 mm / 0.72 inch
Module width	5 mm / 0.197 inch

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Mechanical data

Variable coding	Ja
Marking level	Side marking

Plug-in connection

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

Material data

Note on material data	Information on material data can be found here
Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.779 MJ
Weight	50.9 g

Commercial data

PU (SPU)	10 Stück
Packaging type	box
Country of origin	DE
GTIN	4044918472319
Customs tariff number	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799 /A1
	CSA	C22.2 No. 158	1101144

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	DEKRA Certification B.V.		
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
	BV Bureau Veritas S.A.	EN 60947	07436/F0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

UL-Approvals

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

Optional accessories

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

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	**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
Strain relief		
Strain relief		
	**Item no.: 769-1615** Strain relief housing; gray	www.wago.com/769-1615
	Item no.: 769-414 Strain relief plate; gray	www.wago.com/769-414
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 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-101
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-104
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	Item no.: 216-203	

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	Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm² / 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
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
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; white	www.wago.com/769-470
	Item no.: 769-471 Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray	www.wago.com/769-471
	Item no.: 769-472 Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray	www.wago.com/769-472

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

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Locking levers

Locking device



Item no.: 769-430
Locking lever; gray
www.wago.com/769-430



Item no.: 769-431
Locking lever; orange
www.wago.com/769-431

Testing and measuring

Testing accessories



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

Downloads

Documentation

Bid Text

769-115 X81 - Datei	2019. 2. 19.	xml 3.3 kB	Download
769-115 doc - Datei	2017. 10. 4.	doc 25.6 kB	Download

Additional Information

Technical Section Technical explanations		pdf 2.2 MB	Download

CAD/CAE-Data

CAD data

2D/3D Models 769-115	URL	Download

CAE data

EPLAN Data Portal 769-115	URL	Download
WSCAD Universe 769-115	URL	Download
ZUKEN Portal 769-115	URL	Download

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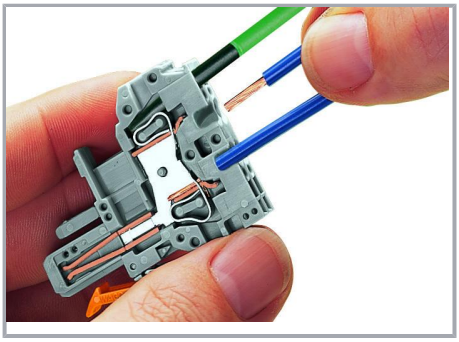
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-115 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 15-pole; coding finger; 4,00 mm²; gray	URL	Download

Installation Notes

Conductor termination

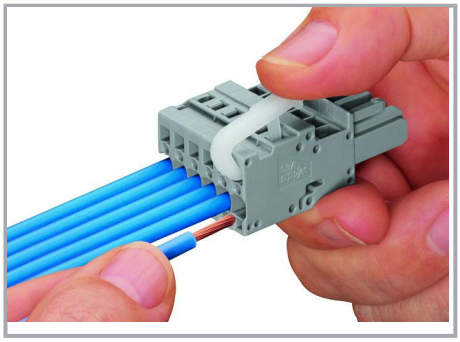


CAGE CLAMP® connection

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

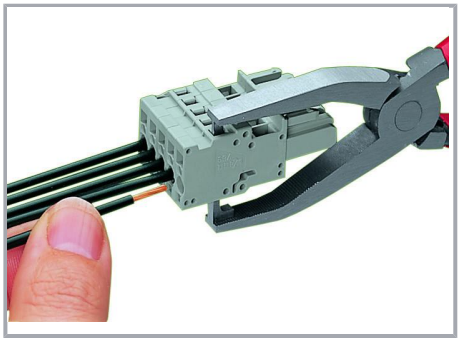
Operation 90° to conductor is also possible.

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

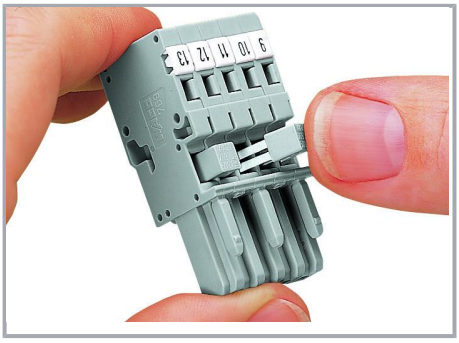
Inserting a conductor – side-entry wiring (example shows a female plug).

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

Commoning

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Commoning 1-conductor female plugs via miniature adjacent jumpers.



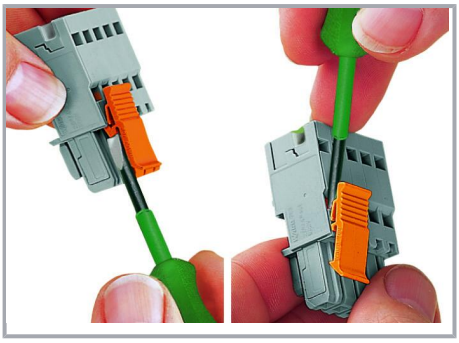
Jumper cover for 1-conductor female plugs

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

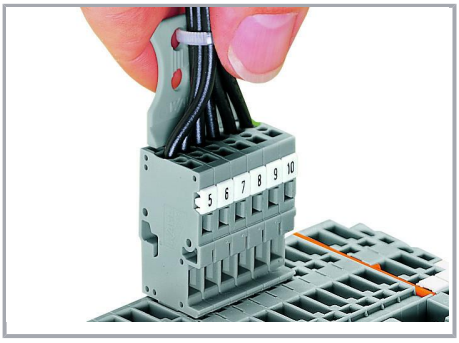


Locking/releasing a lever.

Strain relief

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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

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