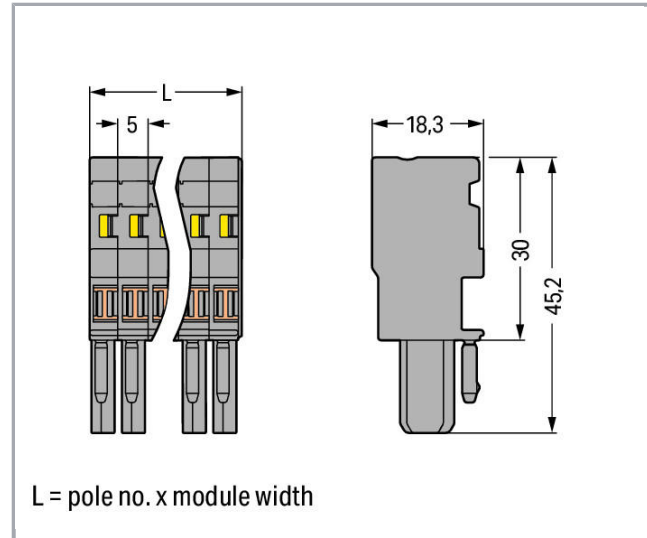
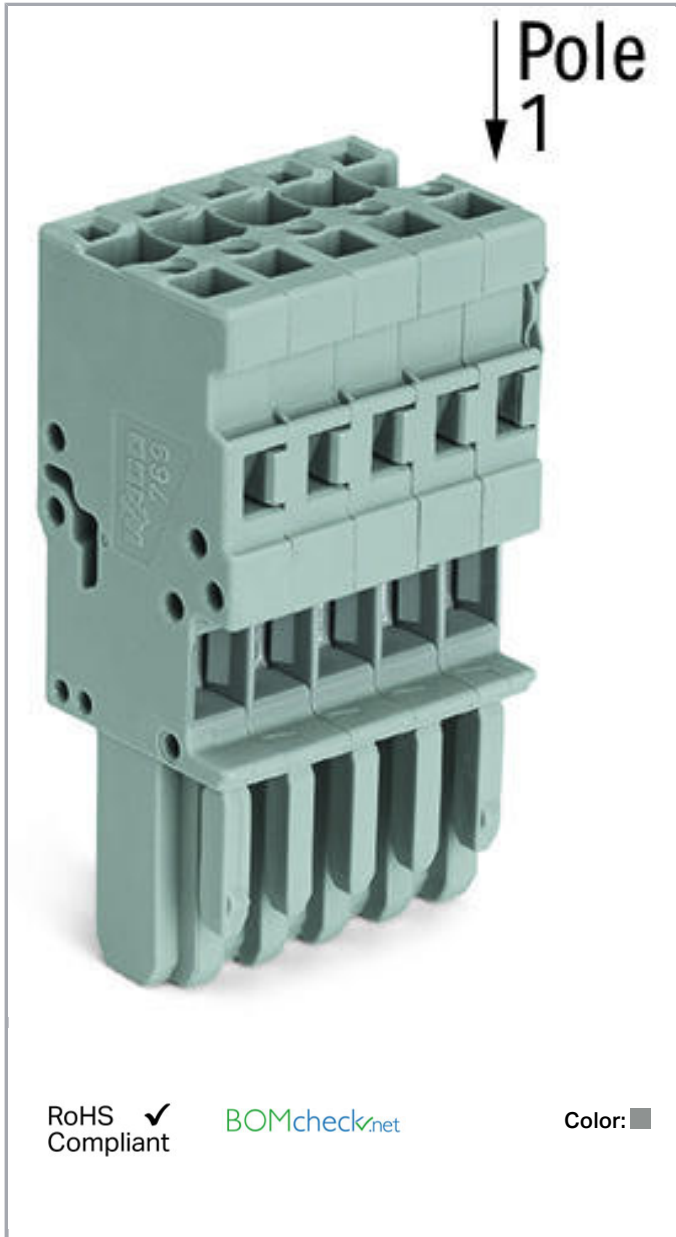


Data sheet | Item number: 769-111

1-conductor female plug; 4 mm²; 11-pole; 4,00 mm²; gray

www.wago.com/769-111



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color: ■

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

**Safety information 1:**

According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load.

Data**Electrical data****Ratings per IEC/EN 60664-1**

Ratings per	IEC/EN 61984
Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross section	4 mm ²
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 inch
No. of poles	11
Total number of connection points	11
Total number of potentials	11
Type of wiring	Front-entry wiring

Geometrical Data

Width	55 mm / 2.165 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
---------------	--------------

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

Plug connection

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

Material Data





Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.585 MJ
Weight	37.4 g

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4044918471947
Customs Tariff No.	85366990990


Approvals / Certificates

Country specific Approvals



Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799/A1
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

Ship Approvals






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

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	20190731-E45172
	UR Underwriters Laboratories Inc.	UL 1977	20151210-E45171

Counterpart

	Item no.769-611 1-conductor male connector; 4 mm ² ; Pin spacing 5 mm; 11-pole; 4,00 mm ² ; gray	www.wago.com/769-611
	Item no.769-611/001-000 1-conductor male connector; Snap-in mounting feet; 4 mm ² ; Pin spacing 5 mm; 11-pole; 4,00 mm ² ; gray	www.wago.com/769-611/001-000
	Item no.769-611/002-000 1-conductor male connector; clamping collar; 4 mm ² ; Pin spacing 5 mm; 11-pole; 4,00 mm ² ; gray	www.wago.com/769-611/002-000
	Item no.769-611/004-000 1-conductor male connector; Feedthrough flange; 4 mm ² ; Pin spacing 5 mm; 11-pole; 4,00 mm ² ; gray	www.wago.com/769-611/004-000
	Item no.769-611/005-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 11-pole; 4,00 mm ² ; gray	www.wago.com/769-611/005-000
	Item no.769-641 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 11-pole; gray	www.wago.com/769-641

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



Item no.769-611/006-000

1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 11-pole; 4,00 mm²; gray

www.wago.com/769-611/006-000



Item no.769-641/003-000

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 11-pole; gray

www.wago.com/769-641/003-000



Item no.769-641/004-000

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 11-pole; gray

www.wago.com/769-641/004-000



Item no.769-671

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 11-pole; gray

www.wago.com/769-671



Item no.769-641/007-000

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 11-pole; gray

www.wago.com/769-641/007-000



Item no.769-671/004-000

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 11-pole; gray

www.wago.com/769-671/004-000



Item no.769-671/003-000

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 11-pole; gray

www.wago.com/769-671/003-000

Compatible products

Jumper



Item no.: 769-402

Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs; gray

www.wago.com/769-402

Strain relief plate



Item no.: 769-1611

Strain relief housing; gray

www.wago.com/769-1611

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

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Item no.: 769-414
Strain relief plate; gray

www.wago.com/769-414

Protective Warning Marker

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

Marking accessories

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.: 2009-145/000-002
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white /000-002 www.wago.com/2009-145

Item no.: 2009-145/000-005
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red /000-005 www.wago.com/2009-145

Item no.: 2009-145/000-006
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue /000-006 www.wago.com/2009-145

Item no.: 2009-145/000-007
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white /000-007 www.wago.com/2009-145

Item no.: 2009-145/000-012
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange www.wago.com/2009-145 /000-012

Item no.: 2009-145/000-023
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green www.wago.com/2009-145 /000-023

Item no.: 2009-145/000-024
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet www.wago.com/2009-145 /000-024

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

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

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

Item no.: 210-834

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



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

www.wago.com/210-834



Item no.: 248-501

Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card

www.wago.com/248-501



Item no.: 248-501/000-002

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

www.wago.com/248-501/000-002

Item no.: 248-501/000-005

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

www.wago.com/248-501/000-005

Item no.: 248-501/000-006

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

www.wago.com/248-501/000-006



Item no.: 248-501/000-007

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

www.wago.com/248-501/000-007

Item no.: 248-501/000-012

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

www.wago.com/248-501/000-012

Item no.: 248-501/000-017

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

www.wago.com/248-501/000-017



Item no.: 248-501/000-023

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

www.wago.com/248-501/000-023

Item no.: 248-501/000-024

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/248-501/000-024

Locking lever



Item no.: 769-428

Locking lever; gray

www.wago.com/769-428

Item no.: 769-429

Locking lever; orange

www.wago.com/769-429

Item no.: 769-430

Locking lever; gray

www.wago.com/769-430

Item no.: 769-431

Locking lever; orange

www.wago.com/769-431

Test Accessories

Item no.: 210-136

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

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

www.wago.com/210-136**Item no.: 210-137**

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

www.wago.com/210-137**ferrule****Item no.: 216-101**Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin platedwww.wago.com/216-101**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin platedwww.wago.com/216-102**Item no.: 216-103**Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin platedwww.wago.com/216-103**Item no.: 216-104**Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin platedwww.wago.com/216-104**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; whitewww.wago.com/216-201**Item no.: 216-202**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; graywww.wago.com/216-202**Item no.: 216-203**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; redwww.wago.com/216-203**Item no.: 216-204**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; blackwww.wago.com/216-204**Item no.: 216-206**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; bluewww.wago.com/216-206**Item no.: 216-301**Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellowwww.wago.com/216-301**Item no.: 216-302**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; greenwww.wago.com/216-302**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**General accessories****Item no.: 769-436**

Jumper cover; for 1-conductor female plugs; for 5 poles; gray

www.wago.com/769-436

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

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Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 769-111	URL	Download
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CAE data

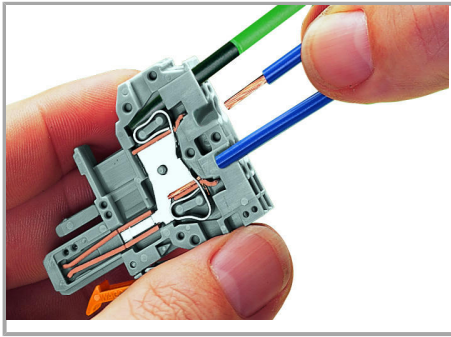
EPLAN Data Portal 769-111	URL	Download
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WSCAD Universe 769-111	URL	Download
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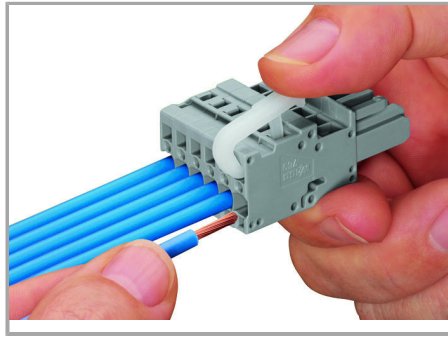
Installation Notes

Conductor termination

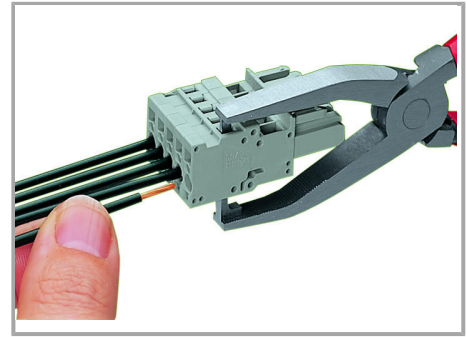
Subject to changes. Please also observe the further product documentation!



CAGE CLAMP® connection



Operating lever



Operating tool

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

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

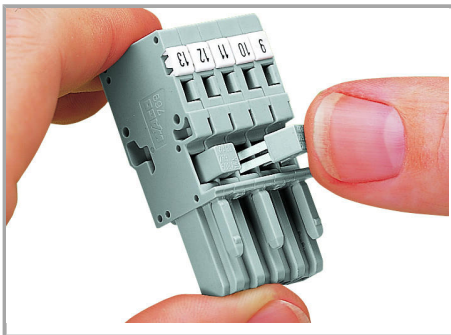
Inserting a conductor via operating tool – side-entry wiring (example shows a female plug).

Operation 90° to conductor is also possible.

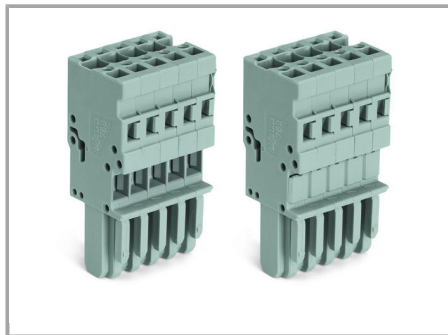
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

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

Commoning



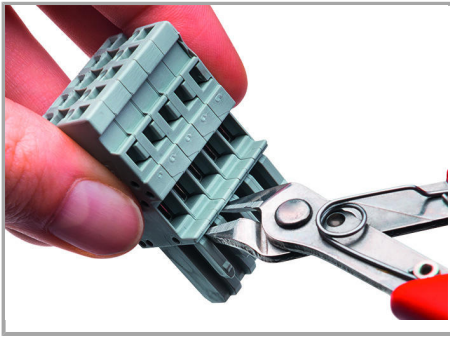
Commoning 1-conductor female plugs via miniature adjacent jumpers.



Jumper cover for 1-conductor female plugs

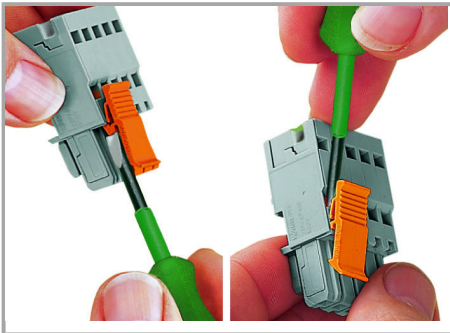
Coding

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



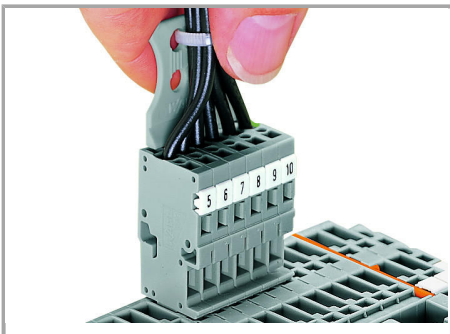
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

Locking lever



Locking/releasing a lever.

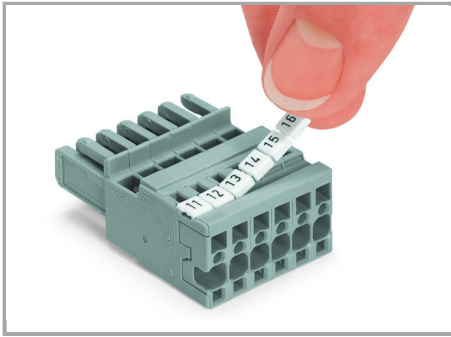
Strain Relief



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

[Learn more about the product family.](#)

[Show all products from the family](#)

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