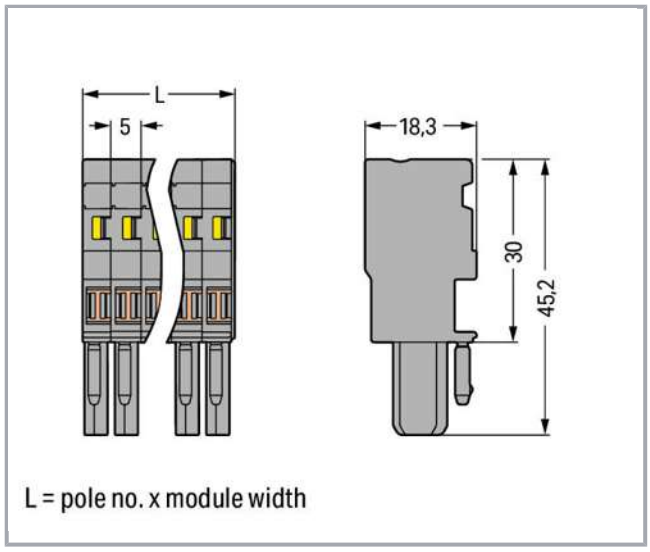
1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-103_000-036



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RoHS ✓ Compliant BOMcheck.net

Item description

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

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) ≙ Overvoltage category III / Pollution degree 3

Connection data

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
No. of poles	3
Total number of connection points	3
Total number of potentials	3
Type of wiring	Front-entry wiring

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Geometrical Data

Width	15 mm / 0.591 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

Plug connection

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

Material Data

Color	gray, green-yellow
Insulating material	Polyamide 66 (PA 66)
Fire load	0.162 MJ
Weight	9.7 g

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4045454234362
Customs Tariff No.	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

			Certificate

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

Counterpart

Compatible products

ferrule

	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated	www.wago.com/216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated	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.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204

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	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206
	Item no.: 216-301 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; green	www.wago.com/216-302

General accessories

	Item no.: 769-436 Jumper cover; for 1-conductor female plugs; for 5 poles; gray	www.wago.com/769-436

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

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	www.wago.com/2009-145/000-002
	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	www.wago.com/2009-145/000-005
	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	www.wago.com/2009-145/000-006
	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	www.wago.com/2009-145/000-007
	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

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	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 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

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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
Jumper		
	Item no.: 769-402 Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs; gray	www.wago.com/769-402
Male plug		
	Item no.: 769-603 1-conductor male connector; 4 mm²; Pin spacing 5 mm; 3-pole; 4,00 mm²; gray	www.wago.com/769-603
	Item no.: 769-603/001-000 1-conductor male connector; Snap-in mounting feet; 4 mm²; Pin spacing 5 mm; 3-pole; 4,00 mm²; gray	www.wago.com/769-603/001-000
	Item no.: 769-603/002-000 1-conductor male connector; clamping collar; 4 mm²; Pin spacing 5 mm; 3-pole; 4,00 mm²; gray	www.wago.com/769-603/002-000
	Item no.: 769-603/004-000 1-conductor male connector; Feedthrough flange; 4 mm²; Pin spacing 5 mm; 3-pole; 4,00 mm²; gray	www.wago.com/769-603/004-000
	Item no.: 769-603/005-000 1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 3-pole; 4,00 mm²; gray	www.wago.com/769-603/005-000
	Item no.: 769-603/006-000 1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 3-pole; 4,00 mm²; gray	www.wago.com/769-603/006-000
	Item no.: 769-633 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633
	Item no.: 769-633/000-036 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/000-036
	Item no.: 769-633/003-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/003-000
	Item no.: 769-633/003-036 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/003-036
	Item no.: 769-633/004-000 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/004-000

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	Item no.: 769-633/007-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/007-000
	Item no.: 769-663 Male connector; with angled solder pins; Horizontal PCB mounting; 1 x 1 mm; Pin spacing 5 mm / 0.197 in; 3-pole; gray	www.wago.com/769-663
	Item no.: 769-663/003-000 THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-663/003-000
	Item no.: 769-663/004-000 THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-663/004-000
check		
	Item no.: 210-136 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
Strain relief plate		
	Item no.: 769-1603 Strain relief housing; gray	www.wago.com/769-1603
	Item no.: 769-411 Strain relief plate; gray	www.wago.com/769-411
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

Downloads

Documentation

Bid Text

769-103/000-036 GAEB X81 - Datei	Feb 19, 2019	xml 3.3 kB	Download
769-103/000-036	Oct 4, 2017	doc	Download

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Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download

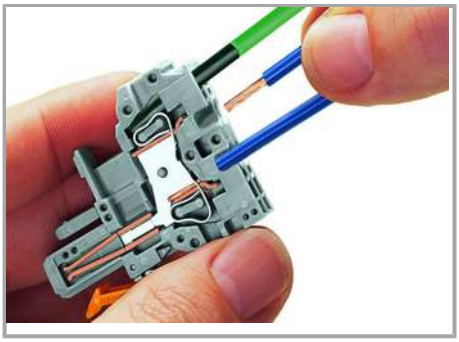
CAD/CAE-Data

CAE data

EPLAN Data Portal 769-103/000-036	URL	Download
WSCAD Universe 769-103/000-036	URL	Download

Installation Notes

Conductor termination

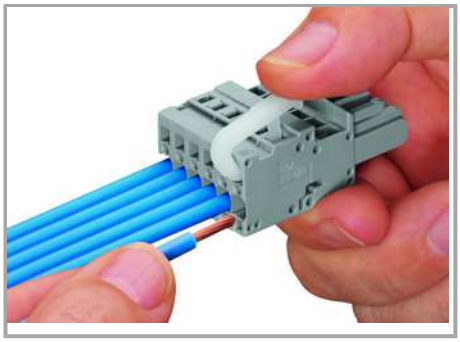


CAGE CLAMP® connection

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

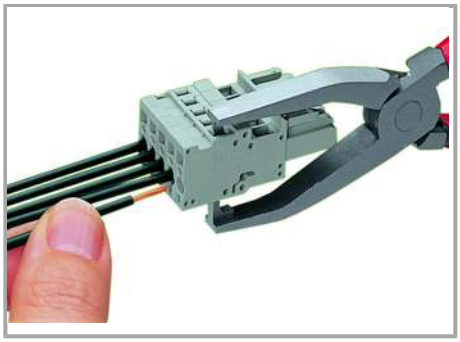
Operation 90° to conductor is also possible.

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



Operating tool

Inserting a conductor via operating tool – 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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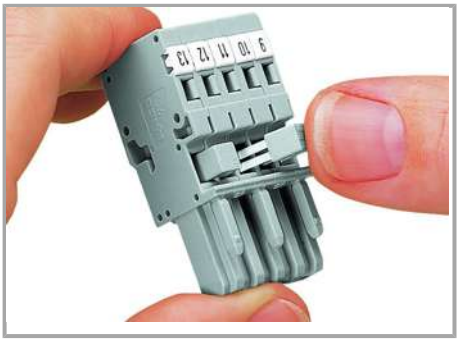
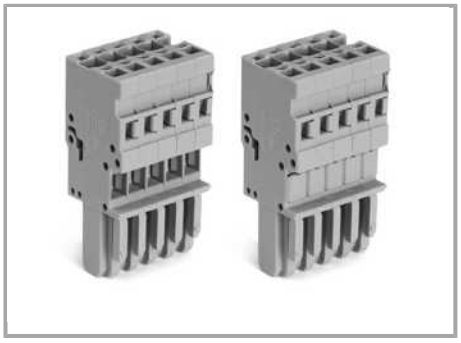


Commoning 1-conductor female plugs via miniature adjacent jumpers.

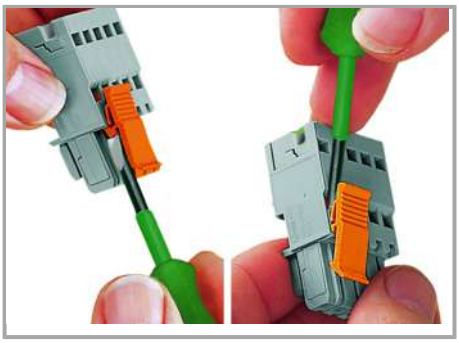


Jumper cover for 1-conductor female plugs

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 lever



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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