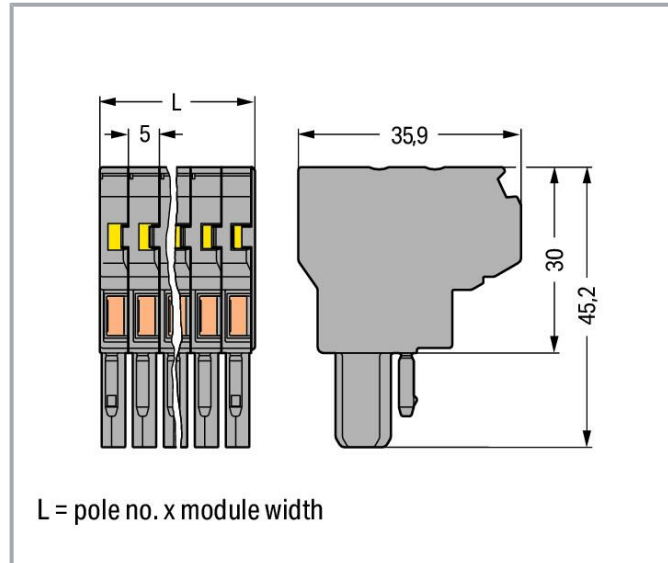
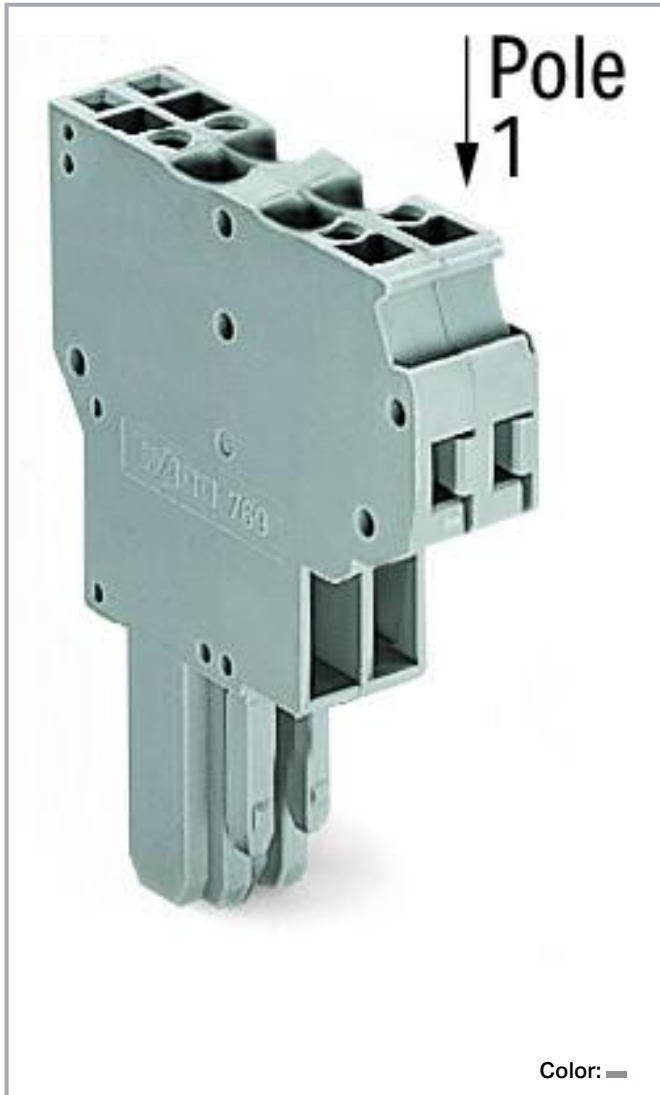


Data sheet | Item number: 769-122

2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; coding finger; 4,00 mm²; gray

www.wago.com/769-122



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.

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

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Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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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
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

Connection data

Connection points	4
Total number of potentials	2

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 inches
Pole number	2
Wiring direction	Front-entry wiring

Physical data

Width	10 mm / 0.394 inches
Height	45.2 mm / 1.78 inches
Depth	35.9 mm / 1.413 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

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



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

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.194 MJ
Halogen-free	Yes
Weight	10.5 g

Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data

Product Group	18 (X-COM-System)
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)	50 pcs
Packaging type	box
Country of origin	PL
GTIN	4044918473880
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

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

Approvals / Certificates

General 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 CSA Group	C22.2	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01
	UL Underwriters Laboratories Inc.	UL 1977	E 45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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32423 Minden
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Approvals for marine applications

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

Counterpart

**Item no.769-602/002-000**1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; clamping collar; 4,00 mm²; graywww.wago.com/769-602/002-000**Item no.769-602**1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; 4,00 mm²; graywww.wago.com/769-602**Item no.769-602/001-000**1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; 4,00 mm²; graywww.wago.com/769-602/001-000**Item no.769-602/005-000**1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; Snap-in flange; 4,00 mm²; graywww.wago.com/769-602/005-000**Item no.769-602/004-000**1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; Feedthrough flange; 4,00 mm²; graywww.wago.com/769-602/004-000**Item no.769-632**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole; gray

www.wago.com/769-632**Item no.769-602/006-000**1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; Snap-in flange; 4,00 mm²; graywww.wago.com/769-602/006-000**Item no.769-632/003-036**

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

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THT male header; 1.0 x 1.0 mm solder pin; straight; Preceding ground contact; clamping collar; Pin spacing 5 mm; 2-pole; green-yellow, gray www.wago.com/769-632/003-036



Item no. 769-632/004-000 www.wago.com/769-632/004-000
THT male header; 1.0 x 1.0 mm solder pin; straight; Feedthrough flange; Pin spacing 5 mm; 2-pole; gray



Item no. 769-632/000-036 www.wago.com/769-632/000-036
THT male header; 1.0 x 1.0 mm solder pin; straight; Preceding ground contact; Pin spacing 5 mm; 2-pole; green-yellow, gray



Item no. 769-632/003-000 www.wago.com/769-632/003-000
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 2-pole; gray



Item no. 769-662/003-000 www.wago.com/769-662/003-000
THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 2-pole; gray



Item no. 769-632/007-000 www.wago.com/769-632/007-000
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 2-pole; gray



Item no. 769-662 www.wago.com/769-662
THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 2-pole; gray



Item no. 769-662/004-000 www.wago.com/769-662/004-000
THT male header; 1.0 x 1.0 mm solder pin; angled; Feedthrough flange; Pin spacing 5 mm; 2-pole; gray

Optional accessories

Insulation stop

Insulation stop



Item no.: 769-470 www.wago.com/769-470
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white



Item no.: 769-471 www.wago.com/769-471
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray



Item no.: 769-472 www.wago.com/769-472
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

Marking accessories

Marker

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

**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**Ferrule**

Ferrule

**Item no.: 216-101**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 mm² / AWG 16; uninsulated; electro-tin plated; silver-coloredwww.wago.com/216-104**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-coloredwww.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.: 216-203**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; redwww.wago.com/216-203**Item no.: 216-206**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; bluewww.wago.com/216-206**Item no.: 216-202**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; graywww.wago.com/216-202**Item no.: 216-204**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; blackwww.wago.com/216-204**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; whitewww.wago.com/216-201**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; light turquoisewww.wago.com/216-302**Strain relief**

Strain relief

**Item no.: 769-411**

Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 2- to 3-pole; gray

www.wago.com/769-411

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

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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

Testing and measuring

Testing accessories



Item no.: 210-136

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

www.wago.com/210-136

Jumpers

Jumper



Item no.: 280-402

Jumper; insulated; gray

www.wago.com/280-402



Item no.: 780-454

Staggered jumper; from 1 to 4; insulated; gray

www.wago.com/780-454



Item no.: 780-452

Staggered jumper; from 1 to 2; insulated; gray

www.wago.com/780-452



Item no.: 780-453

Staggered jumper; from 1 to 3; insulated; gray

www.wago.com/780-453



Item no.: 780-457

Staggered jumper; from 1 to 7; insulated; gray

www.wago.com/780-457



Item no.: 780-456

Staggered jumper; from 1 to 6; insulated; gray

www.wago.com/780-456



Item no.: 780-455

Staggered jumper; from 1 to 5; insulated; gray

www.wago.com/780-455



Item no.: 780-458

Staggered jumper; from 1 to 8; insulated; gray

www.wago.com/780-458

Downloads

Documentation

Bid Text

769-122	2019 Feb 19	xml	Download
X81 - Datei		3.3 kB	

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doc - Datei		26.1 kB	

Additional Information

pdf	Download
2.3 MB	

CAD/CAE-Data**CAE data**

EPLAN Data Portal 769-122	URL	Download
ZUKEN Portal 769-122	URL	Download
WSCAD Universe 769-122	URL	Download

CAD data

2D/3D Models 769-122	URL	Download
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Asset Administration Shell

Asset Administration Shell 769-122	URL	Download
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Environmental Product Compliance**Compliance Search**

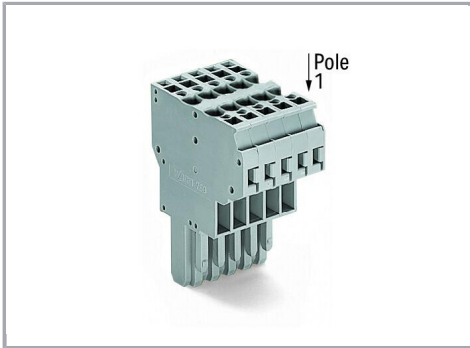
Environmental Product Compliance 769-122	URL	Download
2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; coding finger; 4,00 mm²; gray		

Installation Notes

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

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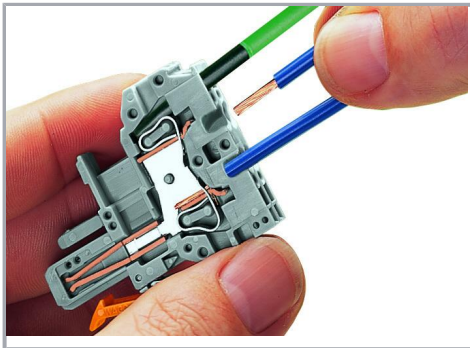
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2-conductor female plugs

- Common signals from one subassembly to the other (bus structure)
- Can be used as a T-wire branch tap connection (e.g. for lighting wiring)
- Enable a higher number of connection possibilities

Conductor termination



CAGE CLAMP® connection

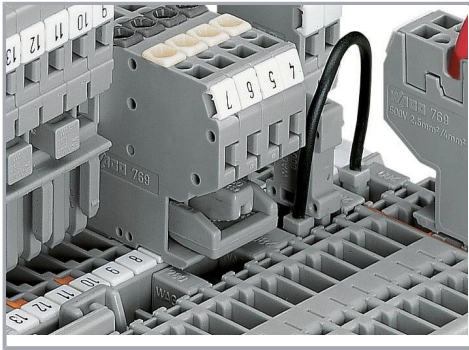
Female plug: Inserting/removing a conductor via operating tool.

Operation 90° to conductor is also possible.

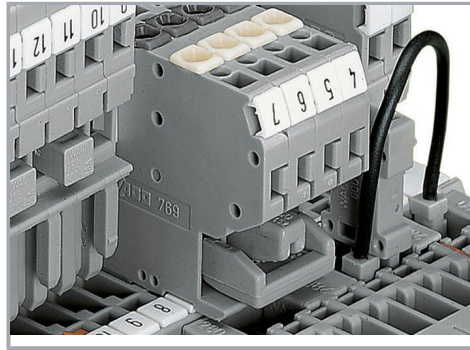
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Commoning

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



Commoning a 2-conductor female plug via staggered jumper and carrier terminal blocks via adjacent jumpers.



Commoning options of female plugs:

- After removal, commoned potentials still remain commoned
- Use of plug-in jumpers instead of additional wired jumpers
- Can be used as a "hardware" key for safety lockout
- Can also be used as a commoning jumper for sensor circuits or machine programming

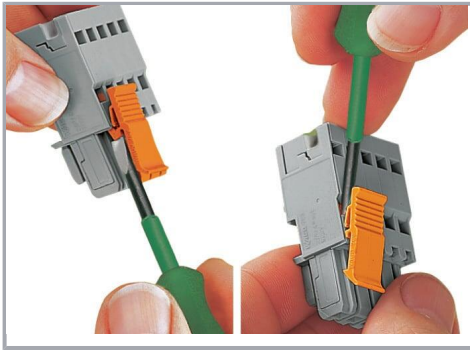
Coding



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.

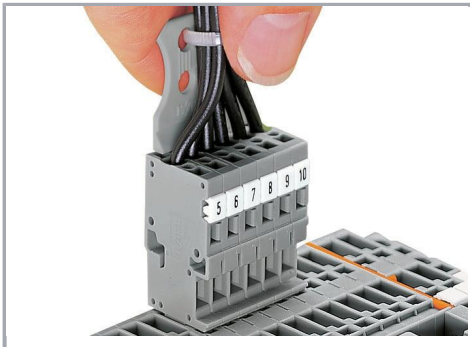
Locking system

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



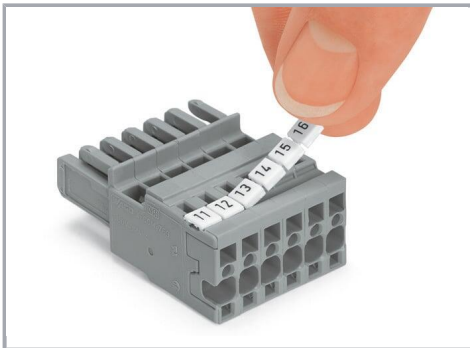
Locking/releasing a lever.

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!