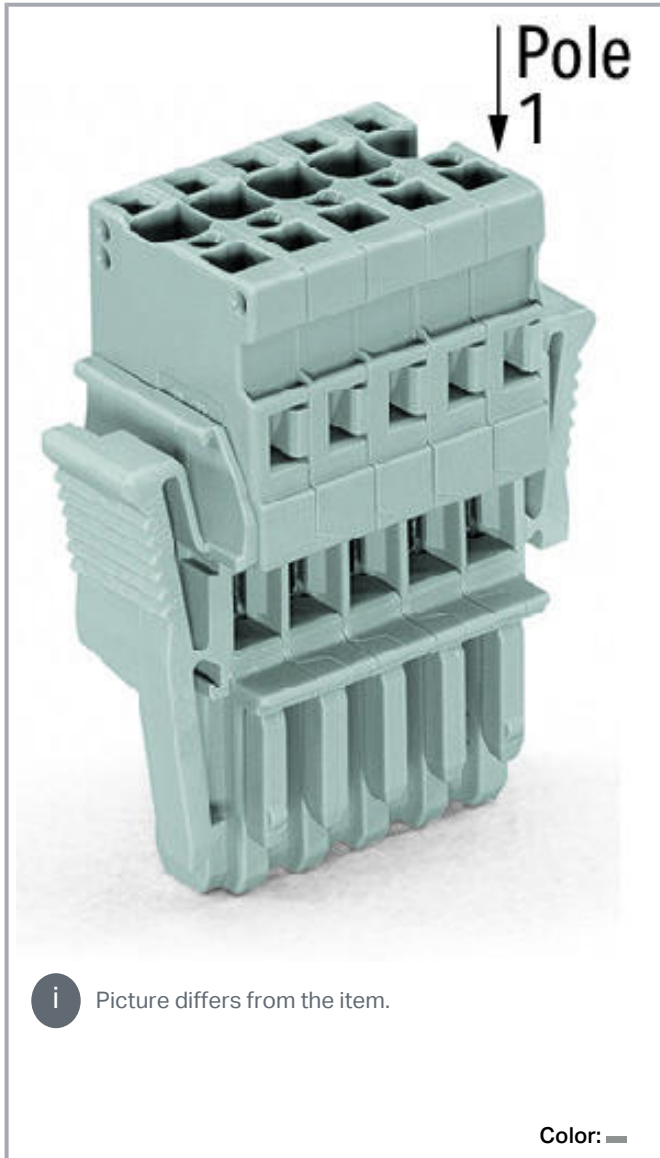


Data sheet | Item number: 769-112/021-000

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

www.wago.com/769-112/021-000



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) $\hat{=}$ Overvoltage category III / Pollution degree 3

Connection data

Total number of connection points	12
Total number of potentials	12

Connection 1

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
Pole No.	12
Wiring direction	Front-entry wiring

Physical data

Width	75 mm / 2.976 inch
Height	45.2 mm / 1.78 inch
Depth	18.3 mm / 0.72 inch
Module width	5 mm / 0.197 inch

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

Mechanical data

Variable coding	Ja
Marking level	Side marking

Plug-in connection

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

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	0.672 MJ
Weight	40.7 g

Commercial data

PU (SPU)	10 Stück
Packaging type	box
Country of origin	DE
GTIN	4044918472043
Customs tariff number	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

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



CSA
DEKRA Certification B.V.

C22.2 No. 158

1101144




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
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

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	
1	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-101
1	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-104
1	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-102
1	Item no.: 216-103	


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Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated


www.wago.com/216-103

 **Item no.: 216-203**
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

Testing and measuring

Testing accessories



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

www.wago.com/210-136

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

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

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

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



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

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

Jumpers

Jumper



Item no.: 769-402
Jumper; insulated; gray

www.wago.com/769-402

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

Cover

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

Cover

Item no.: 769-436

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

www.wago.com/769-436

Strain relief

Strain relief



Item no.: 769-1612

Strain relief housing; gray

www.wago.com/769-1612

Item no.: 769-414

Strain relief plate; gray

www.wago.com/769-414

Downloads

Documentation

Bid Text

769-112/021-000 X81 - Datei	2019. 2. 19.	xml 3.3 kB	Download
769-112/021-000 doc - Datei	2017. 10. 4.	doc 25.6 kB	Download

Additional Information

Technical Section Technical explanations		pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 769-112/021-000		URL	Download
WSCAD Universe 769-112/021-000		URL	Download
ZUKEN Portal 769-112/021-000		URL	Download
WSCAD Universe 769-112/021-000		URL	Download
EPLAN Data Portal 769-112/021-000		URL	Download

CAD data

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-112/021-000

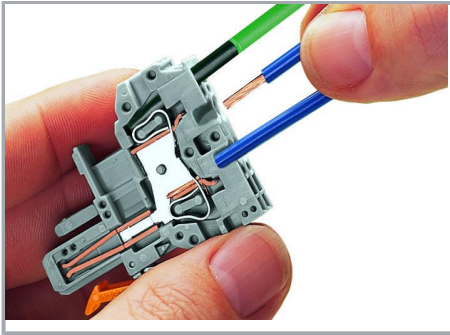
[URL](#)

[Download](#)

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; coding finger; Lateral locking levers; 4,00 mm²; gray

Installation Notes

Conductor termination



CAGE CLAMP® connection

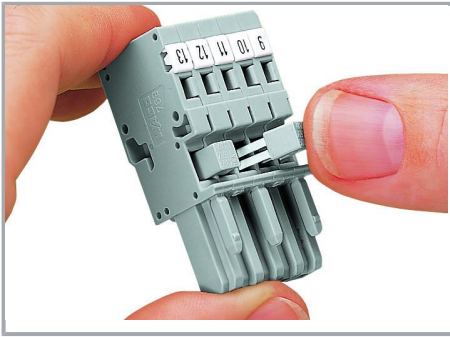
Female plug: Inserting/removing a conductor via operating tool.

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.

Commoning

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



Jumper cover for 1-conductor female plugs

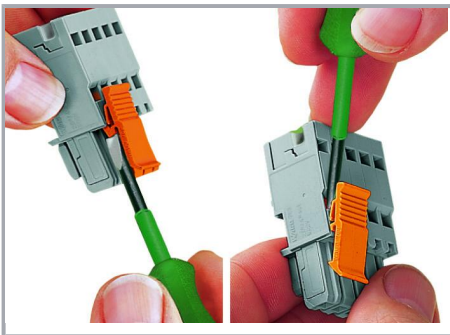
Commoning 1-conductor female plugs via miniature adjacent jumpers.

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.

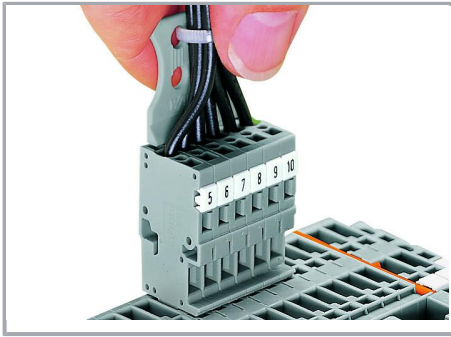
Locking system



Locking/releasing a lever.

Strain relief

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

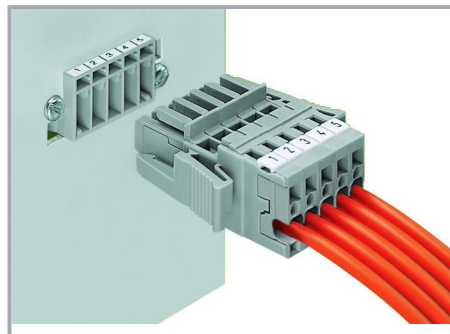


Removing a female plug via conductor bundle provided with strain relief plate.



Male header with mounting flanges

1-conductor female plug with lateral locking levers



Male header and 1-conductor female plug with lateral locking levers

Marking



Labeling a female plug with CAGE CLAMP® connection via Mini-WSB Quick Markers.

Product family

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



X-COM

Show all products from the family

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

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