

Data sheet | Item number: 769-108/022-000
1-conductor female connector, angled; CAGE CLAMP®; 4 mm²; Pin spacing
5 mm; 8-pole; coding finger; 4,00 mm²; gray
www.wago.com/769-108/022-000



Color: 

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.

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

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

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Legend (ratings)

(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection points	8
Total number of potentials	8

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	8
Wiring direction	Front-entry wiring
Conductor entry direction to mating direction	45 °

Physical data

Width	40 mm / 1.575 inches
Height	37.1 mm / 1.461 inches
Depth	26.5 mm / 1.043 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

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

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



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	0.458 MJ
Halogen-free	Yes
Weight	19.8 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)	25 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918547628
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626

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CCA

	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	-	-

Approvals for marine applications

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

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Optional accessories

Testing and measuring

Testing accessories



Item no.: 210-136

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

www.wago.com/210-136

Strain relief

Strain relief



Item no.: 769-1608

Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 8-pole; gray

www.wago.com/769-1608



Item no.: 769-413

Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 6- to 9-pole; gray

www.wago.com/769-413

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



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

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

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	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; light turquoise	www.wago.com/216-302

Marking accessories

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

Tool

Operating tool		
	Item no.: 769-434 Operating tool; made of insulating material; 1-way; loose; white	www.wago.com/769-434

Downloads

Documentation

Bid Text

769-108/022-000	2019 Feb 19	xml	Download
X81 - Datei		3.2 kB	

769-108/022-000

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doc - Datei	2017 Oct 4	doc 26.6 kB	Download
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Additional Information

		pdf 2.3 MB	Download
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CAD/CAE-Data**CAD data**

2D/3D Models 769-108/022-000	URL	Download
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CAE data

EPLAN Data Portal 769-108/022-000	URL	Download
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WSCAD Universe 769-108/022-000	URL	Download
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Asset Administration Shell

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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 769-108/022-000	URL	Download
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Installation Notes**Coding**

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

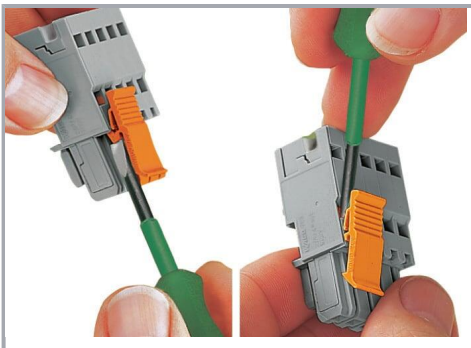
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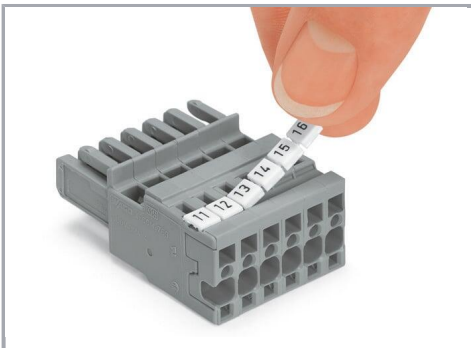
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

Locking system



Locking/releasing a lever.

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](#)

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