

Data sheet | Item number: 769-112/022-000

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

www.wago.com/769-112/022-000



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) ≙ 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	60 mm / 2.362 inch
Height	37.1 mm / 1.461 inch
Depth	26.5 mm / 1.043 inch
Module width	5 mm / 0.197 inch

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Mechanical data

Variable coding	Ja
Marking level	Side marking

Plug-in connection

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

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	0.527 MJ
Weight	29.7 g

Commercial data

PU (SPU)	20 Stück
Packaging type	box
Country of origin	DE
GTIN	4044918547734
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

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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

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

Tool

Operating tool



Item no.: 769-434
Push-button; loose

www.wago.com/769-434

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

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

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**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**Testing and measuring**

Testing accessories

**Item no.: 210-136**

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

www.wago.com/210-136**Insulation stop**

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

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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

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

769-112/022-000 X81 - Datei	2019. 2. 19.	xml 3.2 kB	Download
769-112/022-000 doc - Datei	2017. 10. 4.	doc 26.6 kB	Download

Additional Information

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

CAD data

2D/3D Models 769-112/022-000	URL	Download
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CAE data

EPLAN Data Portal 769-112/022-000	URL	Download
WSCAD Universe 769-112/022-000	URL	Download
ZUKEN Portal 769-112/022-000	URL	Download

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EPLAN Data Portal 769-112/022-000

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-112/022-000

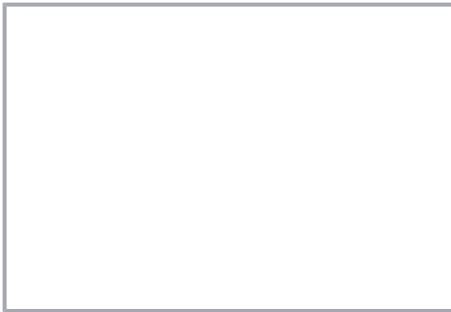
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Installation Notes

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!

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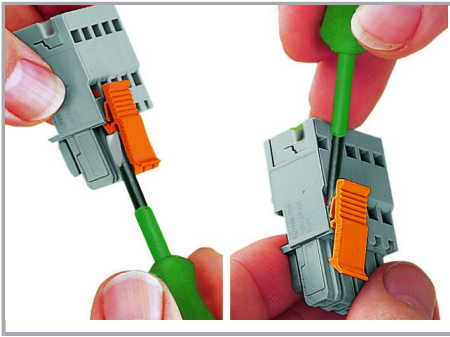
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Locking/releasing a lever.

Marking



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

Product family

X-COM

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