

Data sheet | Item number: 769-101/022-016

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

www.wago.com/769-101/022-016



**Data
Notes**

Safety information

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

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

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under load.

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 61984
Legend (ratings)	

Connection data

Connection points	1
Total number of potentials	1

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	1
Wiring direction	Front-entry wiring
Conductor entry direction to mating direction	45 °

Physical data

Width	5 mm / 0.197 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

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

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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	green-yellow
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.045 MJ
Halogen-free	Yes
Weight	2.5 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)	100 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918546348
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
	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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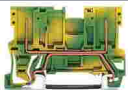
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Approvals for marine applications

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

Counterpart

	Item no.769-237 1-conductor/1-pin ground carrier terminal block; 4 mm ² ; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm ² ; green-yellow	www.wago.com/769-237
	Item no.769-257 2-conductor/1-pin ground carrier terminal block; 4 mm ² ; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm ² ; green-yellow	www.wago.com/769-257
	Item no.769-227 2-pin ground carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; green-yellow	www.wago.com/769-227
	Item no.870-107 2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin ground terminal block; 2.5 mm ² ; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm ² ; green-yellow	www.wago.com/870-107
	Item no.870-1137 Double-deck terminal block; 4-conductor ground terminal block; 2.5 mm ² ; PE; without marker carrier; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm ² ; green-yellow	www.wago.com/870-1137
	Item no.870-157 4-pin, double-deck carrier terminal block; 4-pin ground conductor terminal block; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; green-yellow	www.wago.com/870-157

Optional accessories

Tool

Operating tool

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

Strain relief

	Item no.: 769-410 Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 1-pole; gray	www.wago.com/769-410
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Ferrule

Ferrule

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



	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-101
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-104
	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
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Item no.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/248-501
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Testing and measuring

Testing accessories



Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable; red	www.wago.com/210-136
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Insulation stop

Insulation stop

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

**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**Item no.: 769-471**Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light graywww.wago.com/769-471**Item no.: 769-472**Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark graywww.wago.com/769-472**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**Downloads****Documentation****Bid Text**

769-101/022-016 X81 - Datei	2019 Feb 19	xml 3.2 kB	Download
769-101/022-016 doc - Datei	2017 Oct 4	doc 26.1 kB	Download

Additional Information

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CAD/CAE-Data**CAD data**

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CAE data

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Asset Administration Shell		
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-101/022-016	URL	Download
1-conductor female connector, angled; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; green-yellow		

Installation Notes

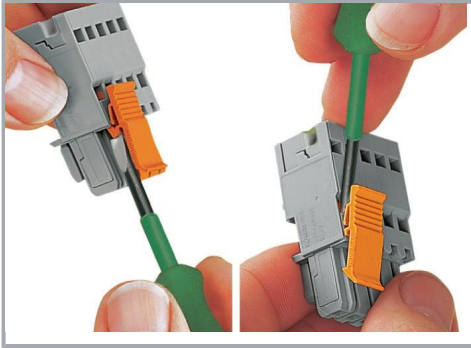
Coding



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.

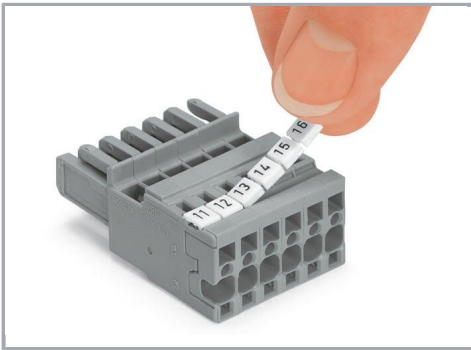
Locking system

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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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