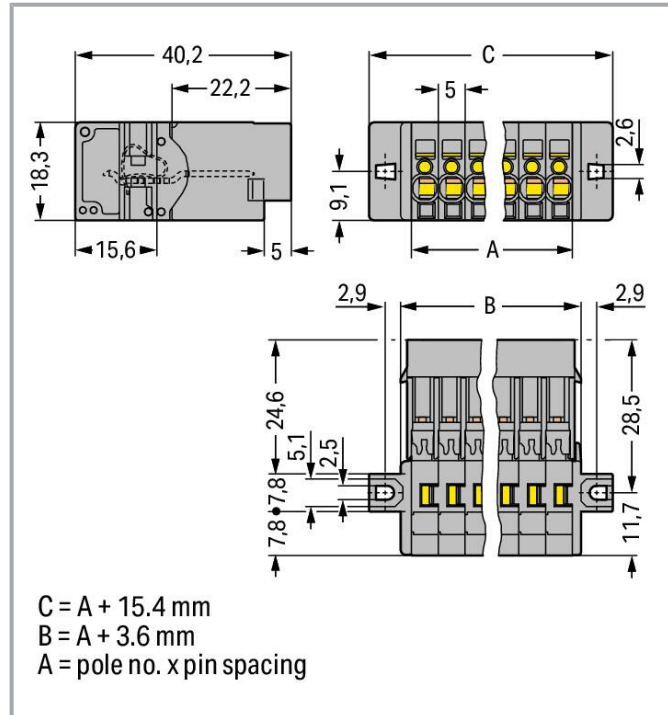
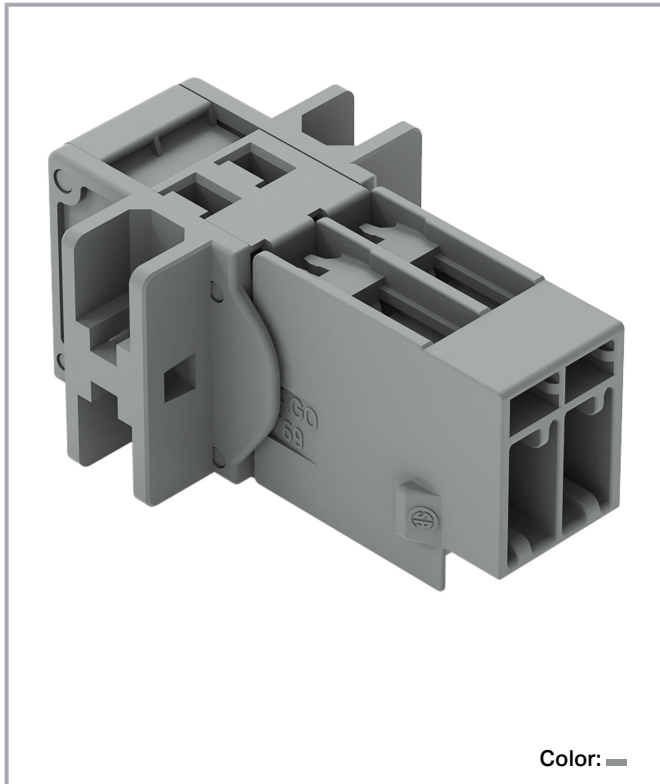


Data sheet | Item number: 769-602/002-000

1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; clamping collar; 4,00 mm²; gray

www.wago.com/769-602/002-000



Data

Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection points	2
Total number of potentials	2

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

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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

Pin spacing	5 mm / 0.197 inches
Width	25.4 mm / 1 inches
Height from the surface	18.3 mm / 0.72 inches
Depth	40.2 mm / 1.583 inches

Mechanical Data

Variable coding	Yes
Direct ground contact to DIN-rail/drilled hole/housing	No
Mounting type	Mounting flange
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for conductor
Mismating protection	No
Plugging without loss of pin spacing	No

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)

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



Flammability class per UL94	V0
Fire load	0.224 MJ
Weight	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)	100 pcs
Packaging type	Box
Country of origin	PL
GTIN	4044918520690
Customs tariff number	85366930000

Environmental Product Compliance

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

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	C22.2	1101144

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CSA Group



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
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

Counterpart



Item no.769-102

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

www.wago.com/769-102

Item no.769-102/021-000

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

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1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; coding finger; Lateral locking levers; 4,00 mm²; gray www.wago.com/769-102/021-000



Item no. 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

Optional accessories

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.: 210-833
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white www.wago.com/210-833



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

Marker



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.: 210-490
Operating tool www.wago.com/210-490



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

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

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

Coding

Coding

**Item no.: 769-435**

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange

www.wago.com/769-435

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

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

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

Downloads

Documentation

Bid Text

769-602/002-000

2019 Feb 19

xml

Download

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

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X81 - Datei		3.3 kB	
769-602/002-000	2017 Oct 4	doc	Download
doc - Datei		25.6 kB	
Additional Information		pdf	Download
		2.3 MB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 769-602/002-000	URL	Download
WSCAD Universe 769-602/002-000	URL	Download
ZUKEN Portal 769-602/002-000	URL	Download
EPLAN Data Portal 769-602/002-000	URL	Download
WSCAD Universe 769-602/002-000	URL	Download

CAD data

2D/3D Models 769-602/002-000	URL	Download
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Asset Administration Shell

Asset Administration Shell 769-602/002-000	URL	Download
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Environmental Product Compliance

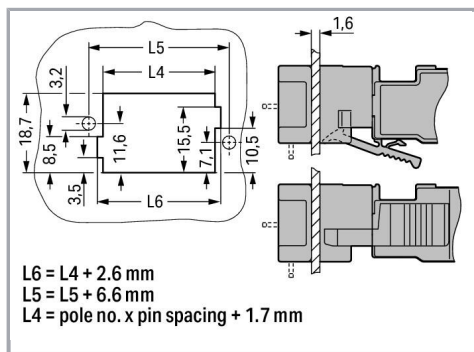
Compliance Search

Environmental Product Compliance 769-602/002-000	URL	Download
1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; clamping collar; 4,00 mm²; gray		

Installation Notes

Installation

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



Cutout

Headers with solder pins and mounting flanges

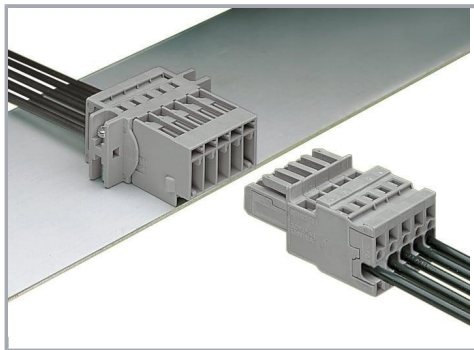
Conductor termination



Operating tool

Inserting a conductor via operating tool
(example shows a male connector).

Application

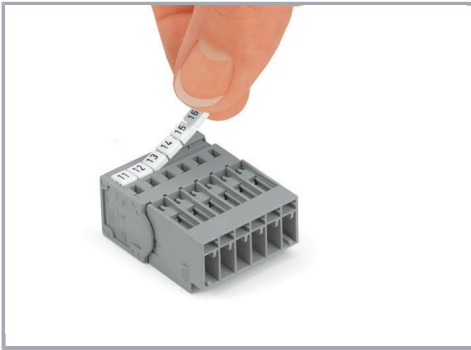


Male connector with CAGE CLAMP® and
mounting flanges

1-connector female plug, straight

Marking

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



Labeling a male connector 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!

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