

Data sheet | Item number: 769-612/006-000

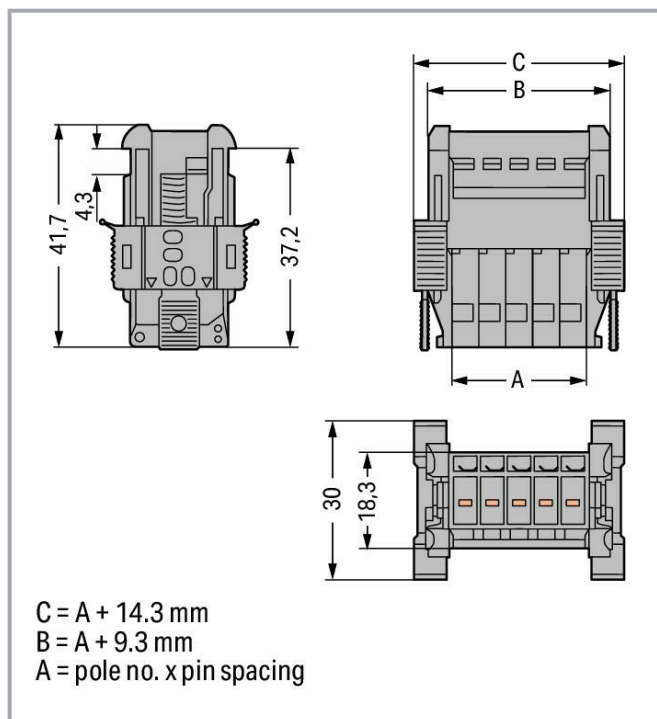
1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; Snap-in flange; 4,00 mm²; gray

www.wago.com/769-612/006-000



Picture differs from the item.

Color: —



Data

Electrical data

Ratings per IEC/EN

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

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

WAGO GmbH & Co. KG
Hansastr. 27
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Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm²
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 inch
Pole No.	12
Wiring direction	Side-entry wiring

Physical data

Pin spacing	5 mm / 0.197 inch
Width	74.3 mm / 2.925 inch
Height	30 mm / 1.181 inch
Depth	41.7 mm / 1.642 inch

Mechanical data

Variable coding	Ja
Mounting type	Snap-in flange variant

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
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	0.836 MJ
Weight	39.9 g

Commercial data

Product Group	18 (X-COM-System)
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PU (SPU)	25 Stück
Packaging type	box
Country of origin	PL
GTIN	4045454917104
Customs tariff number	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799 /A1
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144

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		
	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

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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
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
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
Strain relief		
Strain relief		
	Item no.: 769-414 Strain relief plate; gray	www.wago.com/769-414
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
Insulation stop		
Insulation stop		
	Item no.: 769-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "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**Item no.: 769-472**Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark graywww.wago.com/769-472**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**Downloads****Documentation****Bid Text**

769-612/006-000	2019. 2. 19.	xml	Download
X81 - Datei		3.2 kB	

769-612/006-000	2017. 10. 4.	doc	Download
doc - Datei		25.6 kB	

Additional Information

Technical Section	pdf	Download
Technical explanations	2.2 MB	

CAD/CAE-Data**CAE data**

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WSCAD Universe 769-612/006-000	URL	Download
ZUKEN Portal 769-612/006-000	URL	Download
EPLAN Data Portal 769-612/006-000	URL	Download
WSCAD Universe 769-612/006-000	URL	Download
CAD data		
2D/3D Models 769-612/006-000	URL	Download

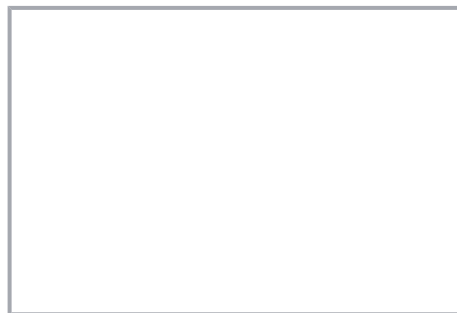
Environmental Product Compliance

Compliance Search

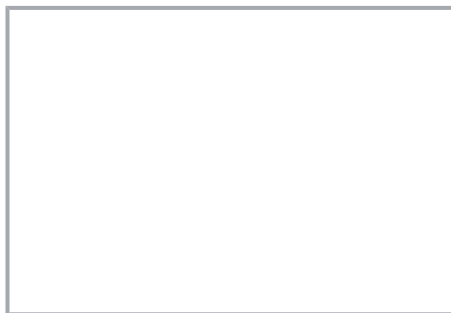
Environmental Product Compliance 769-612/006-000	URL	Download
1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; Snap-in flange; 4,00 mm²; gray		

Installation Notes

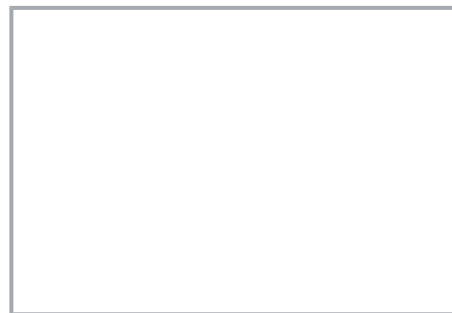
Installation



Insert a male connector with snap-in flanges (769-605/006-000) into the cutout.



Secure the snap-in flange.



Male connector with snap-in flanges (769-605/006-000) in cutout

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



For removal, insert operating tool (2.5 mm blade) into release slot.



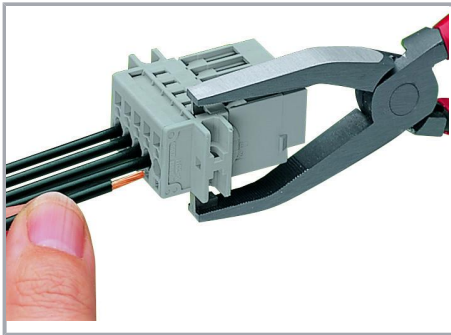
Press center part on both the top and bottom of the connector. Then remove snap-in flange.



Sheet metal cutout (for female connectors without locking levers)

Male connectors with CAGE CLAMP® connection (769-6xx/006-000) and snap-in flanges

Conductor termination

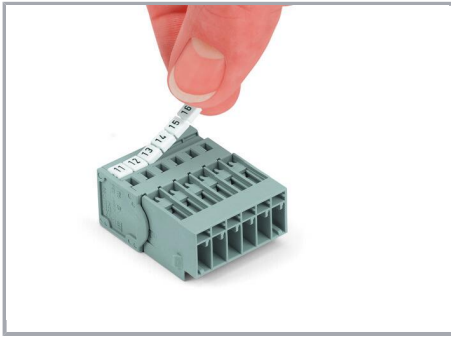


Operating tool

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

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](#)

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