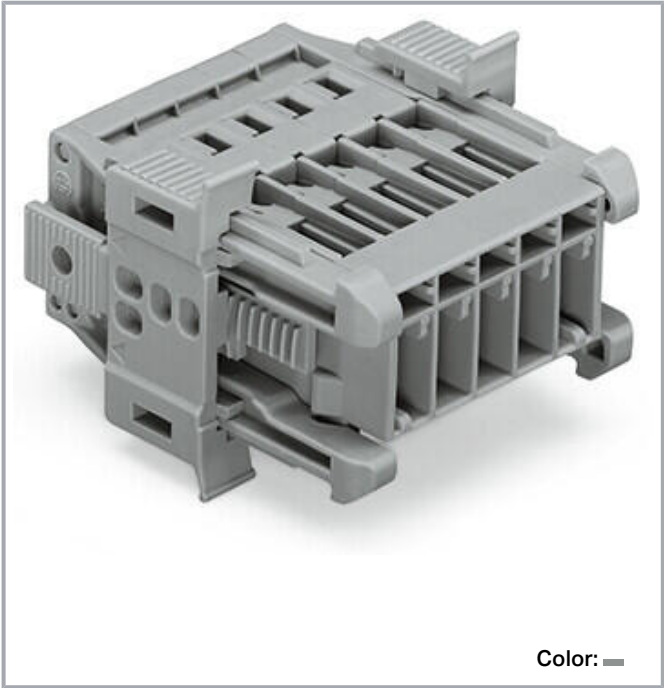


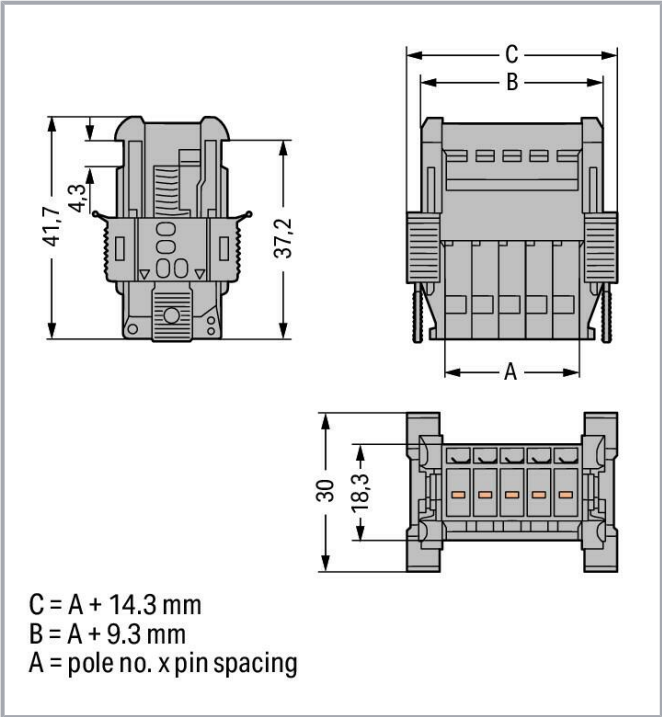
Data sheet | Item number: 769-605/006-000

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

www.wago.com/769-605/006-000



Color: ■



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	5
Total number of potentials	5

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	5
Wiring direction	Side-entry wiring

Physical data

Pin spacing	5 mm / 0.197 inches
Width	39.3 mm / 1.547 inches
Height	30 mm / 1.181 inches
Depth	41.7 mm / 1.642 inches

Mechanical Data

Variable coding	Yes
Direct ground contact to DIN-rail/drilled hole/housing	No
Mounting type	Snap-in flange variant
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

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



Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.514 MJ
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	PL
GTIN	4045454917029
Customs tariff number	85366930000

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 61984	2190419.02
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799 /A1
	CSA CSA Group	C22.2	1101144

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

	UL	UL 1977	E 45171
	Underwriters Laboratories Inc.		
	UR	UL 1059	E45172
	Underwriters Laboratories Inc.		

Counterpart

	Item no.769-105/021-000		
	1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 5-pole; coding finger; Lateral locking levers; 4,00 mm²; gray		www.wago.com/769-105/021-000
	Item no.769-105		
	1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 5-pole; coding finger; 4,00 mm²; gray		www.wago.com/769-105
	Item no.769-125		
	2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 5-pole; coding finger; 4,00 mm²; gray		www.wago.com/769-125

Optional accessories

Strain relief

Strain relief			
	Item no.: 769-412		
	Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 4- to 5-pole; gray		www.wago.com/769-412

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

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

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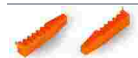
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**Item no.: 210-832**

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**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**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**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

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

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 **Item no.: 216-201**
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-201**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**Downloads****Documentation****Bid Text**

769-605/006-000 X81 - Datei	2019 Feb 19	xml 3.2 kB	Download
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769-605/006-000 doc - Datei	2017 Oct 4	doc 25.6 kB	Download
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Additional Information

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CAD/CAE-Data**CAD data**

2D/3D Models 769-605/006-000	URL	Download
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CAE data

EPLAN Data Portal 769-605/006-000	URL	Download
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WSCAD Universe 769-605/006-000	URL	Download
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ZUKEN Portal 769-605/006-000	URL	Download
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Asset Administration Shell

Asset Administration Shell 769-605/006-000

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-605/006-000

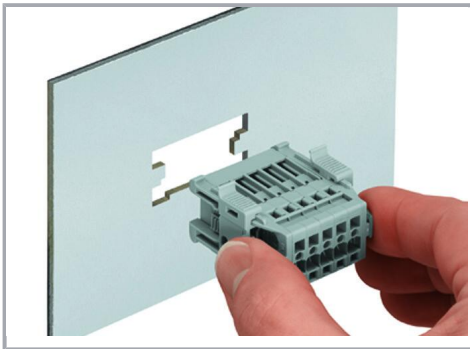
[URL](#)

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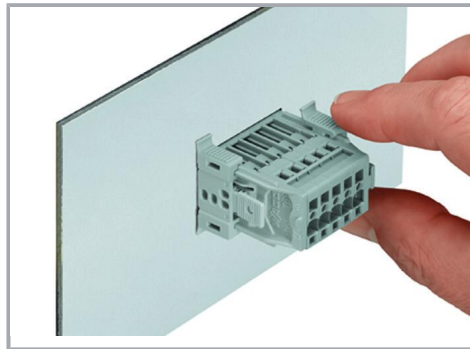
1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 5-pole; Snap-in flange; 4,00 mm²; gray

Installation Notes

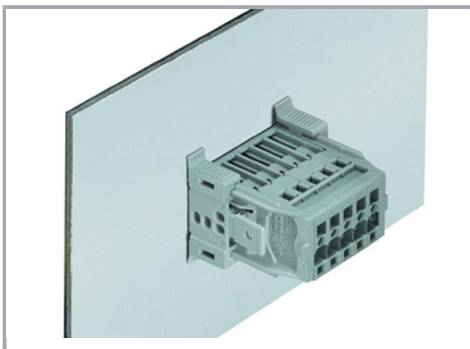
Installation



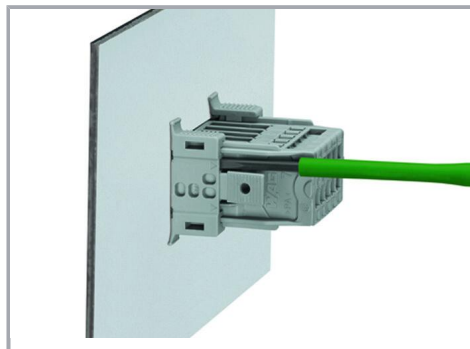
Insert a male connector with snap-in flanges (769-605/006-000) into the cutout.



Secure the snap-in flange.



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



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

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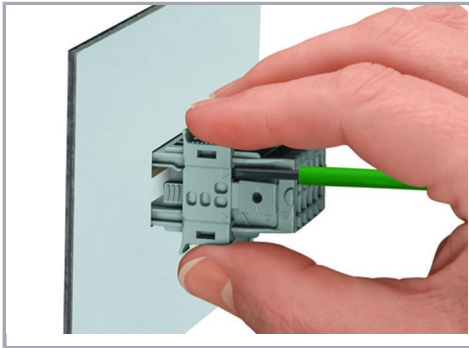
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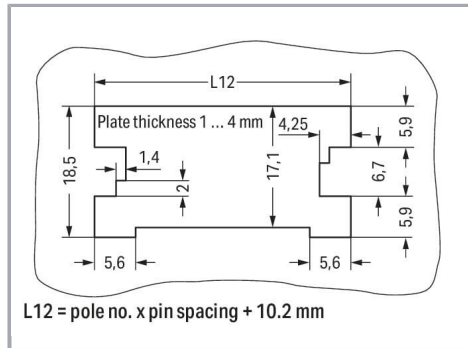
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Press center part on both the top and bottom of the connector. Then remove snap-in flange.



Sheet metal cutout (for female connectors without locking levers)
Male connectors with CAGE CLAMP® connection (769-6xx/006-000) and snap-in flanges

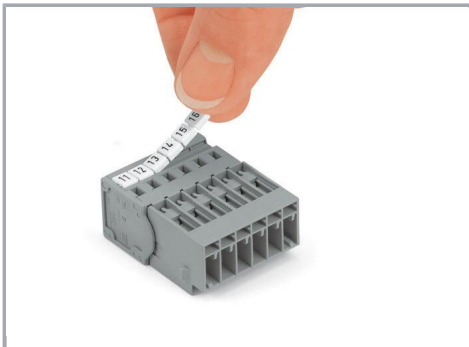
Conductor termination



Operating tool

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

Marking



Labeling a male connector with CAGE CLAMP® connection via Mini-WSB Quick Markers.

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



Product family

X-COM

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