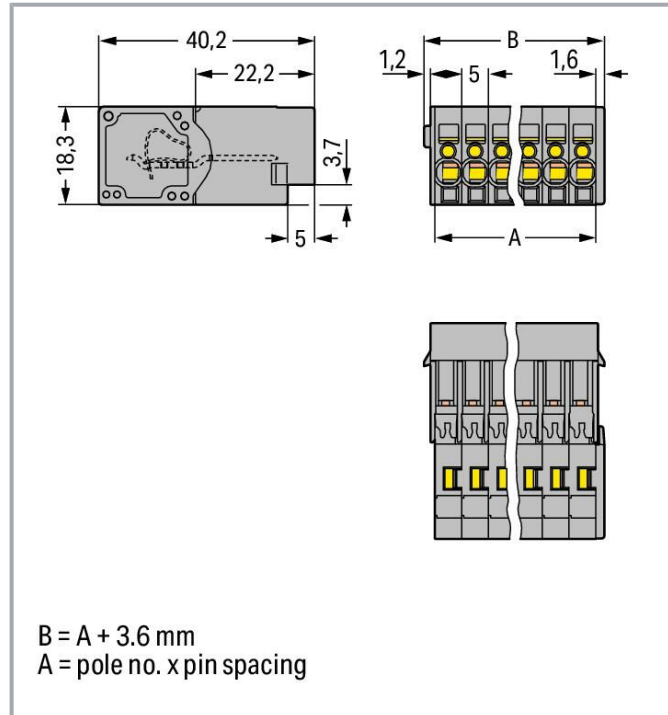


Data sheet | Item number: 769-605

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

www.wago.com/769-605



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 mm ² / 12 AWG
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 inches
Pole number	5
Wiring direction	Front-entry wiring

Physical data

Pin spacing	5 mm / 0.197 inches
Width	28.6 mm / 1.126 inches
Height	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	Flying leads
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	0.352 MJ
Weight	15.1 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
ECCN	NO DATA
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	PL
GTIN	4044918521031
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 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799/A1
	CCA DEKRA Certification B.V.	EN 61984	2190419.02


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

	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	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

Counterpart

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

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

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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











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

Optional accessories

Ferrule

Ferrule		
	<p>Item no.: 216-101 Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored</p>	www.wago.com/216-101
	<p>Item no.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored</p>	www.wago.com/216-104
	<p>Item no.: 216-102 Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored</p>	www.wago.com/216-102
	<p>Item no.: 216-103 Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated</p>	www.wago.com/216-103
	<p>Item no.: 216-203 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red</p>	www.wago.com/216-203
	<p>Item no.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue</p>	www.wago.com/216-206
	<p>Item no.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray</p>	www.wago.com/216-202
	<p>Item no.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black</p>	www.wago.com/216-204
	<p>Item no.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white</p>	www.wago.com/216-201

Strain relief

Strain relief		
	<p>Item no.: 769-1605 Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 5-pole; gray</p>	www.wago.com/769-1605
	<p>Item no.: 769-412 Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 4- to 5-pole; gray</p>	www.wago.com/769-412

Tool

Operating tool		
	<p>Item no.: 210-490 Operating tool</p>	www.wago.com/210-490

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



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

www.wago.com/769-434

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

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

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

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!



Downloads

Documentation

Bid Text

769-605 X81 - Datei	2019 Feb 19	xml 3.2 kB	Download
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769-605 doc - Datei	2017 Oct 4	doc 25.1 kB	Download
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Additional Information

		pdf 2.3 MB	Download
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CAD/CAE-Data

CAD data

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

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

Asset Administration Shell 769-605		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-605 1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 5-pole; 4,00 mm²; gray		URL	Download
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Subject to changes. Please also observe the further product documentation!

Installation Notes

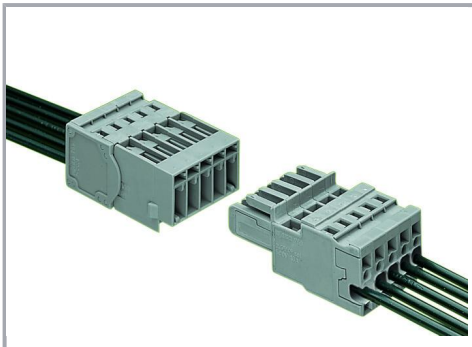
Conductor termination



Operating tool

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

Application



Male connector with CAGE CLAMP®

connection

1-connector female plug, straight

Marking

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

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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!