

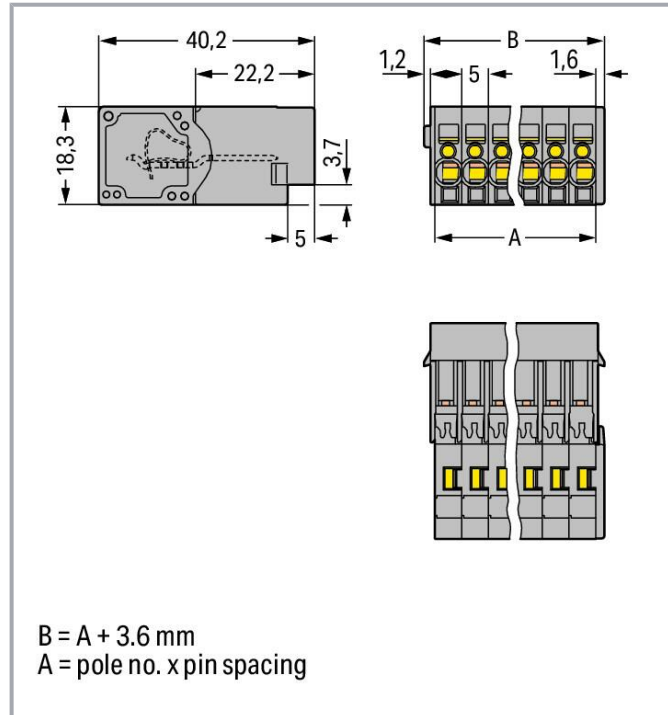
Data sheet | Item number: 769-605

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

www.wago.com/769-605



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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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 / 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	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
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
	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.769-105

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

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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

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

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-colored

www.wago.com/216-101



Item no.: 216-104

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-104



Item no.: 216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-102



Item no.: 216-103

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

www.wago.com/216-103



Item no.: 216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

www.wago.com/216-203



Item no.: 216-206

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

www.wago.com/216-206



Item no.: 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

www.wago.com/216-202



Item no.: 216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

www.wago.com/216-204



Item no.: 216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-201

Marking accessories

Marking strip

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

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**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**Strain relief****Strain relief****Item no.: 769-1605**

Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 5-pole; gray

www.wago.com/769-1605**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**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; 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

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

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**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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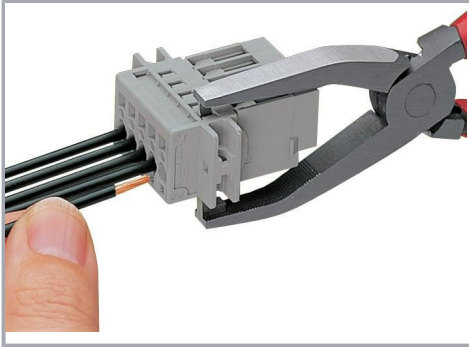
Installation Notes

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

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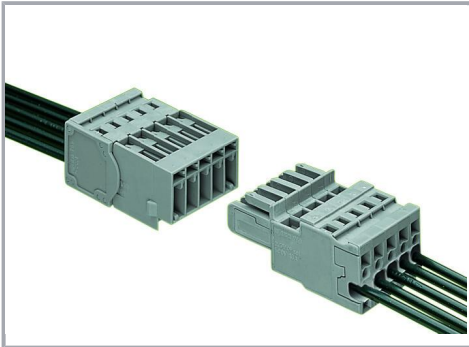
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Conductor termination



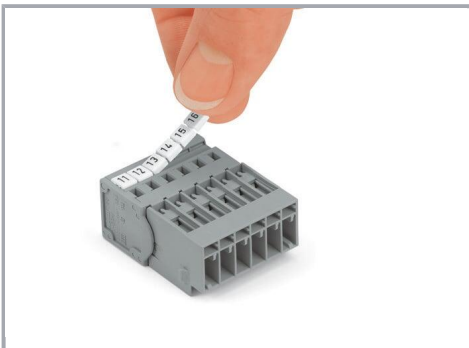
Operating tool
Inserting a conductor via operating tool
(example shows a male connector).

Application



Male connector with CAGE CLAMP®
connection
1-connector female plug, straight

Marking



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

Product family

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



X-COM

[Show all products from the family](#)

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