

Data sheet | Item number: 769-606

1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; 4,00 mm²; gray

www.wago.com/769-606



Color:



Data

Electrical data

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

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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) \triangleq Overvoltage category III / Pollution degree 3

Connection data

Connection points	6
Total number of potentials	6

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	6
Wiring direction	Front-entry wiring

Physical data

Pin spacing	5 mm / 0.197 inches
Width	33.6 mm / 1.323 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

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

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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)
Flammability class per UL94	V0
Fire load	0.41 MJ
Weight	17.9 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	4044918521154
Customs tariff number	85366930000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Subject to changes. Please also observe the further product documentation!



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 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

Optional accessories

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

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



Coding

Coding

Item no.: 769-435	www.wago.com/769-435
Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange	

Insulation stop

Insulation stop

Item no.: 769-470	www.wago.com/769-470
Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip; white	

Item no.: 769-471	www.wago.com/769-471
Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray	

Item no.: 769-472	www.wago.com/769-472
Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; dark gray	

Protective warning marker

Cover

Item no.: 280-415	www.wago.com/280-415
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow	

Marking accessories

Marking strip

Item no.: 210-831	www.wago.com/210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white	

Item no.: 210-833	www.wago.com/210-833
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white	

Item no.: 210-834	www.wago.com/210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white	

Item no.: 210-832	www.wago.com/210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white	

Marker

Item no.: 248-501	www.wago.com/248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	

Ferrule

Ferrule

Item no.: 216-101	www.wago.com/216-101
Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	

Item no.: 216-104	www.wago.com/216-104
Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; silver-colored	

Item no.: 216-102	www.wago.com/216-102
Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	

Item no.: 216-103

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

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**Strain relief**

Strain relief

Item no.: 769-1606

Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 6-pole; gray

www.wago.com/769-1606**Item no.: 769-413**

Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 6- to 9-pole; gray

www.wago.com/769-413**Downloads****Documentation****Bid Text**

769-606 X81 - Datei	2019 年2月19日	xml 3.2 kB	Download
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769-606 doc - Datei	2017 年10月4日	doc 25.1 kB	Download
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Additional Information

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CAD/CAE-Data**CAD data**

2D/3D Models 769-606		URL	Download
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CAE data

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Compliance Search

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Installation Notes

Conductor termination



Operating tool

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

Application

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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

X-COM

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