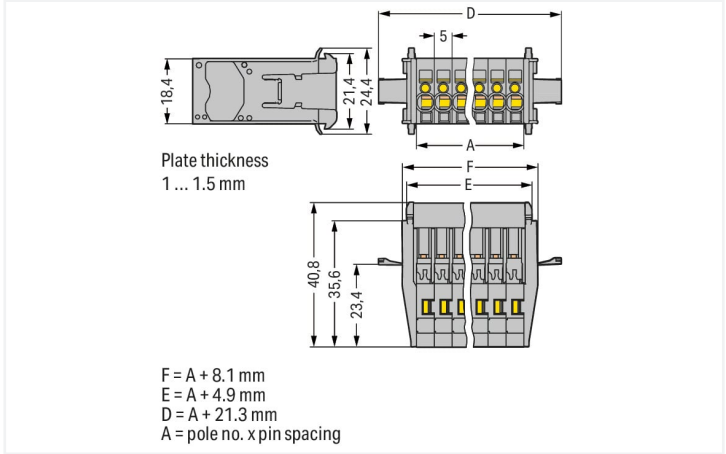


**Data Sheet | Item Number: 769-607/005-000**  
1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole;  
Snap-in flange; 4,00 mm²; gray  
<https://www.wago.com/769-607/005-000>



Color: ■ gray



Dimensions in mm

**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	7
Total number of potentials	7

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	7
Wiring direction	Front-entry wiring

**Physical data**

Pin spacing	5 mm / 0.197 inches
Width	56.3 mm / 2.217 inches
Height	24.4 mm / 0.961 inches
Depth	40.8 mm / 1.606 inches

**Mechanical data**

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

**Plug-in connection**

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for conductor
Mismating protection	No

**Material data**

Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.513 MJ
Weight	22.7 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	4044918854498
Customs tariff number	85366930000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 769-607/005-000



Documentation

Additional Information		Bid Text		
Technical Section	pdf 2240.62 KB	769-607/005-000	19.02.2019	xml 3.14 KB
		769-607/005-000	04.10.2017	doc 25.00 KB



CAD/CAE-Data

CAD data	CAE data
2D/3D Models 769-607/005-000	EPLAN Data Portal 769-607/005-000
	WSCAD Universe 769-607/005-000
	ZUKEN Portal 769-607/005-000





1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



<p><b>Item No.: 769-107</b> 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; coding finger; 4,00 mm²; gray</p>	<p><b>Item No.: 769-107/021-000</b> 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; coding finger; Lateral locking levers; 4,00 mm²; gray</p>	<p><b>Item No.: 769-127</b> 2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; coding finger; 4,00 mm²; gray</p>
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1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



<p><b>Item No.: 769-435</b> Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange</p>
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1.2.2 Ferrule

1.2.2.1 Ferrule



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

1.2.3 Insulation stop

1.2.3.1 Insulation stop



<p><b>Item No.: 769-470</b> Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white</p>	<p><b>Item No.: 769-471</b> Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray</p>	<p><b>Item No.: 769-472</b> Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray</p>
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1.2.4 Marking

1.2.4.1 Marker



**Item No.: 248-501**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.2.4.2 Marking strip



**Item No.: 210-833**  
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white



**Item No.: 210-831**  
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



**Item No.: 210-832**  
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white



**Item No.: 210-834**  
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

1.2.5 Protective warning marker

1.2.5.1 Cover



**Item No.: 280-415**  
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.2.6 Strain relief

1.2.6.1 Strain relief



**Item No.: 769-413**  
Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 6- to 9-pole; gray

1.2.7 Tool

1.2.7.1 Operating tool



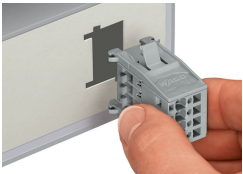
**Item No.: 210-490**  
Operating tool



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

Installation Notes

Installation



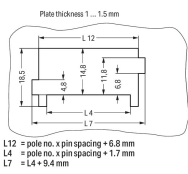
Insert a male connector with snap-in flanges (769-604/005-000) into the cutout.



Male connector with snap-in flanges  
Tool-free assembly



Tool-free assembly



Cutout  
Male connectors with CAGE CLAMP® connection (769-6xx/005-000) 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.