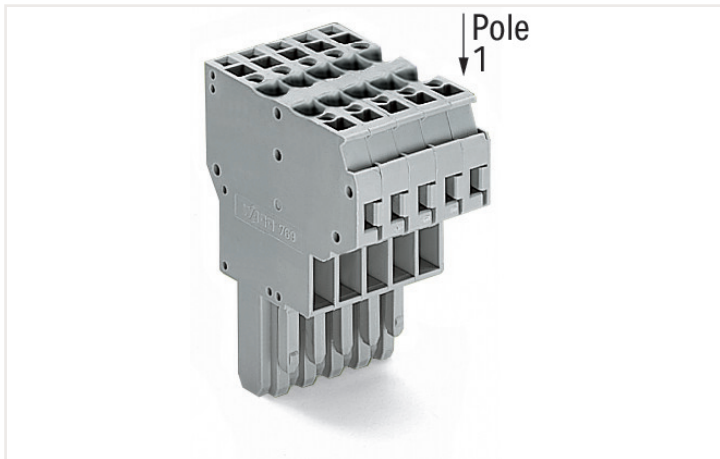


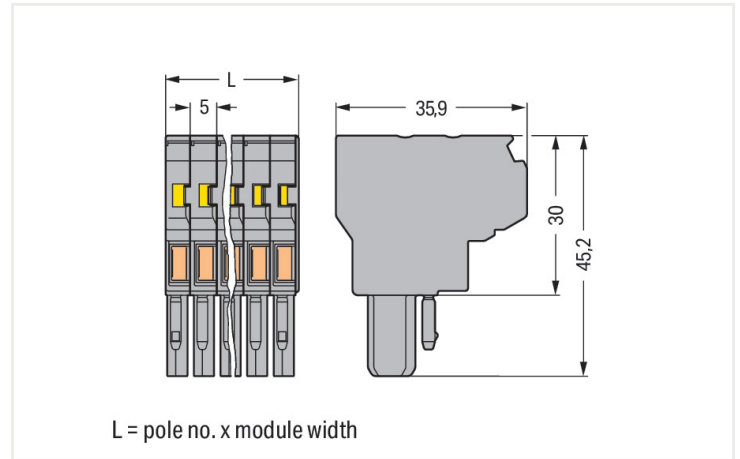
Data sheet | Item number: 769-126

2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; 4,00 mm²; gray

<https://www.wago.com/769-126>



Color: ■ gray



Dimensions in mm

Notes

Safety information 1

According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load.

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 61984
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

Total number of connection points	12
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 inch
Pole number	6
Wiring direction	Front-entry wiring

Physical data

Width	30 mm / 1.181 inch
Height	45.2 mm / 1.78 inch
Depth	35.9 mm / 1.413 inch
Module width	5 mm / 0.197 inch

Mechanical data

Variable coding	Yes
Direct ground contact to DIN-rail/drilled hole/housing	No
Marking level	Side marking

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor

Material data

Note (material data)	Information on material data can be found here
Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.507 MJ
Halogen-free	Yes
Weight	31.1 g

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 7.0	EC001284
ETIM 6.0	EC001284
PU (SPU)	10 Stück
Packaging type	Box
Country of origin VKOrg Germany	PL
GTIN	4044918474078
Customs tariff number VKOrg Germany	85366990990

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 769-126



Documentation

Additional Information		Bid Text	
Technical Section	pdf 2142.18 KB	769-126	19.02.2019
			xml 3.21 KB
		769-126	04.10.2017
			doc 25.50 KB

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 769-126	EPLAN Data Portal 769-126
	WSCAD Universe 769-126
	ZUKEN Portal 769-126

1 Compatible products

1.1 Optional accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; light turquoise	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; un-insulated; electro-tin plated; silver-colored
Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; un-insulated; electro-tin plated; silver-colored	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; un-insulated; electro-tin plated
Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; un-insulated; electro-tin plated; silver-colored	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue	

1.1.2 Insulation stop

1.1.2.1 Insulation stop

Item no.: 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 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray	Item no.: 769-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; dark gray

1.1.3 Jumper

1.1.3.1 Jumper



[Item no.: 280-402](#)
Jumper; insulated; gray



[Item no.: 780-452](#)
Staggered jumper; from 1 to 2; insulated; gray



[Item no.: 780-453](#)
Staggered jumper; from 1 to 3; insulated; gray



[Item no.: 780-454](#)
Staggered jumper; from 1 to 4; insulated; gray



[Item no.: 780-455](#)
Staggered jumper; from 1 to 5; insulated; gray



[Item no.: 780-456](#)
Staggered jumper; from 1 to 6; insulated; gray



[Item no.: 780-457](#)
Staggered jumper; from 1 to 7; insulated; gray



[Item no.: 780-458](#)
Staggered jumper; from 1 to 8; insulated; gray

1.1.4 Locking system

1.1.4.1 Locking system



[Item no.: 769-430](#)
Locking lever; gray



[Item no.: 769-431](#)
Locking lever; orange

1.1.5 Marking

1.1.5.1 Marker



[Item no.: 2009-145](#)
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



[Item no.: 248-501](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.6 Protective warning marker

1.1.6.1 Cover



[Item no.: 280-415](#)
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.1.7 Strain relief

1.1.7.1 Strain relief



[Item no.: 769-1606](#)
Strain relief housing; gray



[Item no.: 769-413](#)
Strain relief plate; gray

1.1.8 Test and measurement

1.1.8.1 Testing accessories



Item no.: 210-136

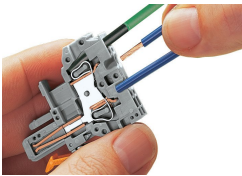
Test plug; 2 mm Ø; with 500 mm cable; red

Installation notes



2-conductor female plugs
Common signals from one subassembly to the other (bus structure)
Can be used as a T-wire branch tap connection (e.g. for lighting wiring)
Enable a higher number of connection possibilities

Conductor termination



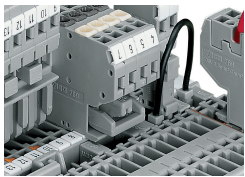
CAGE CLAMP® connection

Female plug: Inserting/removing a conductor via operating tool.

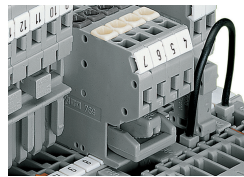
Operation 90° to conductor is also possible.

With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Commoning



Commoning a 2-conductor female plug via staggered jumper and carrier terminal blocks via adjacent jumpers.



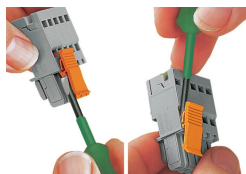
Commoning options of female plugs: After removal, commoned potentials still remain commoned
Use of plug-in jumpers instead of additional wired jumpers
Can be used as a "hardware" key for safety lock-out
Can also be used as a commoning jumper for sensor circuits or machine programming

Coding



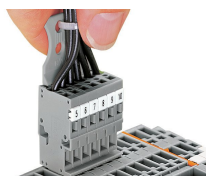
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

Locking system



Locking/releasing a lever.

Strain relief



Removing a female plug via conductor bundle provided with strain relief plate.

Marking



Labeling a female plug with CAGE CLAMP® connection via Mini-WSB Quick Markers.