

Descriere articol

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

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
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Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

**Safety information 1:**

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

Date**Electrical data****Ratings per IEC/EN 60664-1**

Ratings per	IEC/EN 61984
Nominal voltage (III/3)	500 V
Rated surge voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) \triangleq Overvoltage category III / Pollution degree 3

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm ²
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 No.	3
Total number of connection points	6
Total number of potentials	3
Wiring type	Front-entry wiring

Geometrical Data

Width	15 mm / 0.591 inch
Height	45,2 mm / 1.78 inch
Depth	35,9 mm / 1.413 inch
Module width	5 mm / 0.197 inch

Mechanical data

Marking level	Side marking
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Plug connection

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

Material Data





Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,252 MJ
Weight	15,6 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	PL
GTIN	4044918473934
Customs tariff number	85366990990

Aprobări / certificate

Country specific Approvals



Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

Ship Approvals



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Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV


UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UR Underwriters Laboratories Inc.	UL 1059	20190731-E45172
	UR Underwriters Laboratories Inc.	UL 1977	20151210-E45171


Counterpart

Produse compatibile

Protective Warning Marker

	Nr. articol: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	www.wago.com/280-415
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Coding















	Nr. articol: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange	www.wago.com/769-435
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Male plug

	Nr. articol: 769-603 1-conductor male connector; 4 mm ² ; Pin spacing 5 mm; 3-pole; 4,00 mm ² ; gray	www.wago.com/769-603
	Nr. articol: 769-603/001-000 1-conductor male connector; Snap-in mounting feet; 4 mm ² ; Pin spacing 5 mm; 3-pole; 4,00 mm ² ; gray	www.wago.com/769-603/001-000
	Nr. articol: 769-603/002-000 1-conductor male connector; clamping collar; 4 mm ² ; Pin spacing 5 mm; 3-pole; 4,00 mm ² ; gray	www.wago.com/769-603/002-000
	Nr. articol: 769-603/004-000 1-conductor male connector; Feedthrough flange; 4 mm ² ; Pin spacing 5 mm; 3-pole; 4,00 mm ² ; gray	www.wago.com/769-603/004-000
	Nr. articol: 769-603/005-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 3-pole; 4,00 mm ² ; gray	www.wago.com/769-603/005-000
	Nr. articol: 769-603/006-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 3-pole; 4,00 mm ² ; gray	www.wago.com/769-603/006-000
	Nr. articol: 769-633 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633
	Nr. articol: 769-633/000-036 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/000-036
	Nr. articol: 769-633/003-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/003-000
	Nr. articol: 769-633/003-036 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/003-036
	Nr. articol: 769-633/004-000 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/004-000
	Nr. articol: 769-633/007-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-633/007-000
	Nr. articol: 769-663 Male connector; with angled solder pins; Horizontal PCB mounting; 1 x 1 mm; Pin spacing 5 mm / 0.197 in; 3-pole; gray	www.wago.com/769-663
	Nr. articol: 769-663/003-000 THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 3-pole; gray	www.wago.com/769-663/003-000

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**Nr. articol: 769-663/004-000**

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 3-pole; gray

www.wago.com/769-663/004-000**check****Nr. articol: 210-136**

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

www.wago.com/210-136**Nr. articol: 210-137**

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

www.wago.com/210-137**ferrule****Nr. articol: 216-101**Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin platedwww.wago.com/216-101**Nr. articol: 216-102**Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin platedwww.wago.com/216-102**Nr. articol: 216-103**Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin platedwww.wago.com/216-103**Nr. articol: 216-104**Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin platedwww.wago.com/216-104**Nr. articol: 216-201**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; whitewww.wago.com/216-201**Nr. articol: 216-202**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; graywww.wago.com/216-202**Nr. articol: 216-203**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; redwww.wago.com/216-203**Nr. articol: 216-204**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; blackwww.wago.com/216-204**Nr. articol: 216-206**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; bluewww.wago.com/216-206**Nr. articol: 216-301**Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellowwww.wago.com/216-301**Nr. articol: 216-302**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; greenwww.wago.com/216-302**Marking accessories****Nr. articol: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-145**Nr. articol: 2009-145/000-002**















Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

www.wago.com/2009-145/000-002

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	Nr. articol: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/2009-145/000-005
	Nr. articol: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-145/000-006
	Nr. articol: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-145/000-007
	Nr. articol: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-145/000-012
	Nr. articol: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-145/000-023
	Nr. articol: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-145/000-024
	Nr. articol: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	www.wago.com/248-501
	Nr. articol: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/248-501/000-002
	Nr. articol: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/248-501/000-005
	Nr. articol: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/248-501/000-006
	Nr. articol: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/248-501/000-007
	Nr. articol: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/248-501/000-012
	Nr. articol: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/248-501/000-017
	Nr. articol: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/248-501/000-023

Supus modificărilor.

**Nr. articol: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/248-501/000-024**Strain relief plate****Nr. articol: 769-411**

Strain relief plate; gray

www.wago.com/769-411**Jumper****Nr. articol: 209-100**

Collective carrier for adjacent jumpers; suitable for 279 to 284 Series adjacent jumpers, 215 Series banana plugs

www.wago.com/209-100**Nr. articol: 280-402**

Adjacent jumper; insulated; IN = IN terminal block; gray

www.wago.com/280-402**Nr. articol: 284-414**Step-down jumper; insulated; from 10/6 mm² to 4/2.5/1.5 mm²; Nominal current 15 A; graywww.wago.com/284-414**Nr. articol: 780-452**

Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

www.wago.com/780-452**Nr. articol: 780-453**

Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

www.wago.com/780-453**Nr. articol: 780-454**

Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

www.wago.com/780-454**Nr. articol: 780-455**

Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

www.wago.com/780-455**Nr. articol: 780-456**

Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

www.wago.com/780-456**Nr. articol: 780-457**

Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

www.wago.com/780-457**Nr. articol: 780-458**

Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

www.wago.com/780-458**Nr. articol: 781-453**

Staggered jumper; insulated; from 1 to 3; Spacing: 6 mm; gray

www.wago.com/781-453**Insulation stop****Nr. articol: 769-470**Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; whitewww.wago.com/769-470**Nr. articol: 769-471**Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light graywww.wago.com/769-471**Nr. articol: 769-472**Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark graywww.wago.com/769-472**Locking lever**

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**Nr. articol: 769-430**

Locking lever; gray

www.wago.com/769-430**Nr. articol: 769-431**

Locking lever; orange

www.wago.com/769-431

Descărcări

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
2,1 MB

Descărcare

CAD/CAE-Data

CAD data

2D/3D Models 769-123

URL

Descărcare

CAE data

EPLAN Data Portal 769-123

URL

Descărcare

WSCAD Universe 769-123

URL

Descărcare

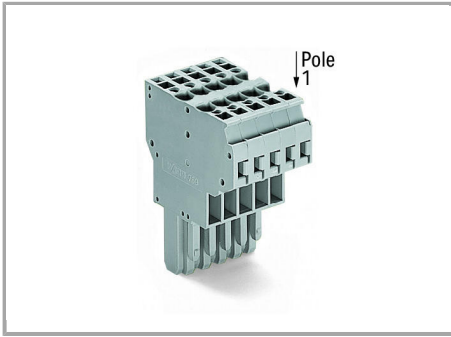
Installation Notes

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Aveți întrebări despre produsele noastre?

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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
-

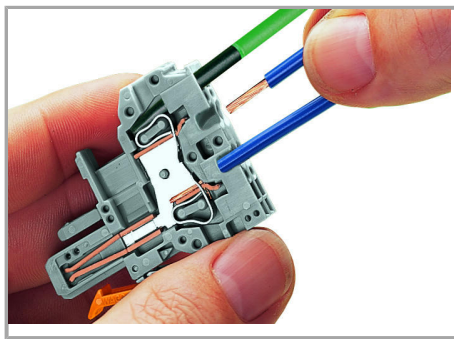
Conductor termination

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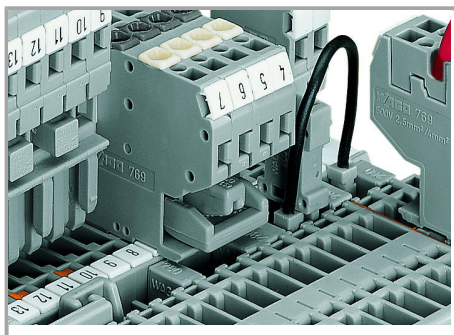
CAGE CLAMP® connection

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

Operation 90° to conductor is also possible.

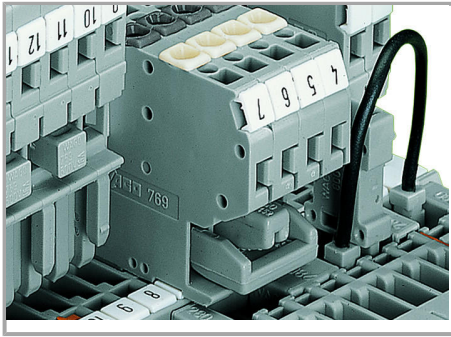
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

Commoning



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

Supus modificărilor.



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 lockout
-
- Can also be used as a commoning jumper for sensor circuits or machine programming
-

Coding



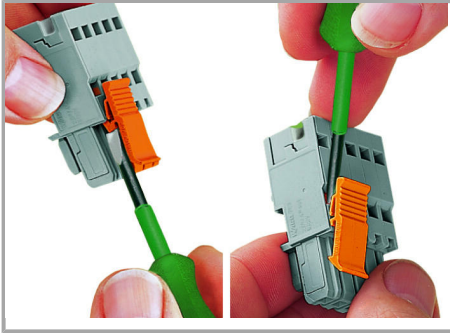
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

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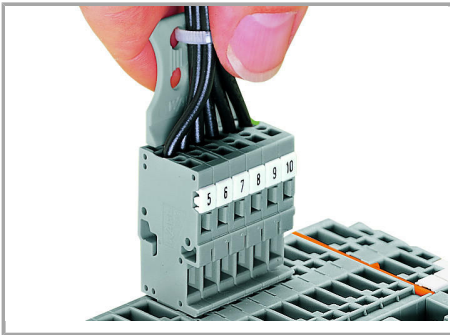
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Locking lever



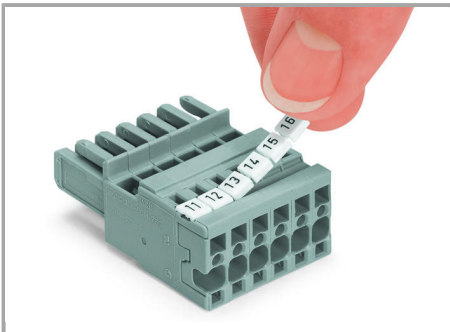
Locking/releasing a lever.

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.

Familie de produse

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X-COM

Afișare globală produse din familie.

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