

Fișă tehnică | Număr articol: 769-122

2-conductor female connector; 4 mm²; 2-pole; 4,00 mm²; gray

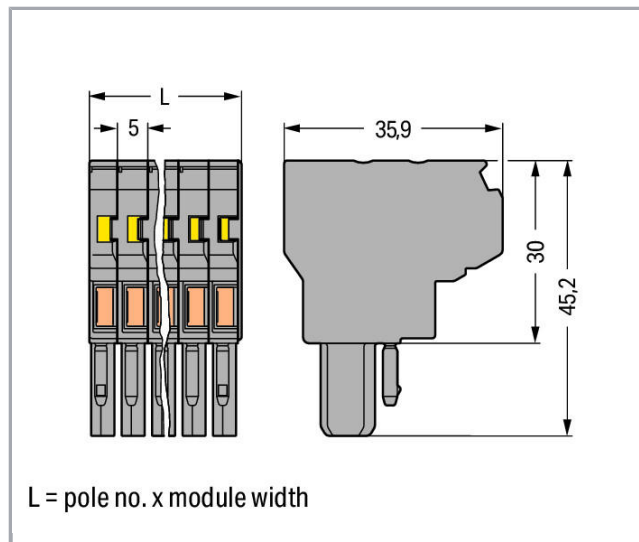
www.wago.com/769-122



RoHS
Compliant

[BOMcheck.net](https://www.bomcheck.net)

Culoare:



L = pole no. x module width

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
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.



Descriere articol

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

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. | 2 |
| Total number of connection points | 4 |
| Total number of potentials | 2 |
| Wiring type | Front-entry wiring |

Geometrical Data

| | |
|--------------|----------------------|
| Width | 10 mm / 0.394 inch |
| Height | 45,2 mm / 1.78 inch |
| Depth | 35,9 mm / 1.413 inch |
| Module width | 5 mm / 0.197 inch |

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Mechanical data

| | |
|---------------|--------------|
| Marking level | Side marking |
|---------------|--------------|

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 | 0,167 MJ |
| Weight | 10,4 g |

Commercial data

| | |
|-----------------------|-------------------|
| Product Group | 18 (X-COM-System) |
| Packaging type | BOX |
| Country of origin | PL |
| GTIN | 4044918473880 |
| Customs tariff number | 85366990990 |

Aprobări / certificate

Country specific Approvals



| Embleă | 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 | EN 60947 | 2190419.01 |

Supus modificărilor.



DEKRA Certification B.V.



Ship Approvals

| 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

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Insulation stop

| | | |
|--|---|--|
|  | Nr. articol: 769-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip; white | www.wago.com/769-470 |
|  | Nr. articol: 769-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray | www.wago.com/769-471 |
|  | Nr. articol: 769-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; dark gray | www.wago.com/769-472 |

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 |
|  | 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 |

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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



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

ferrule



Nr. articol: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

www.wago.com/216-101



Nr. articol: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

www.wago.com/216-102



Nr. articol: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

www.wago.com/216-103



Nr. articol: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

www.wago.com/216-104



Nr. articol: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-201



Nr. articol: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

www.wago.com/216-202



Nr. articol: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

www.wago.com/216-203



Nr. articol: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

www.wago.com/216-204


















Nr. articol: 216-206
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

www.wago.com/216-206


Nr. articol: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow


www.wago.com/216-301


Supus modificărilor.


| | | |
|--|--|--|
|  | Nr. articol: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green | www.wago.com/216-302 |
| 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 |
| Strain relief plate | | |
|  | Nr. articol: 769-1602 Strain relief housing; gray | www.wago.com/769-1602 |
|  | Nr. articol: 769-411 Strain relief plate; gray | www.wago.com/769-411 |
| Female plug | | |
|  | Nr. articol: 769-101 1-conductor female plug; 4 mm ² ; 1-pole; 4,00 mm ² ; gray | www.wago.com/769-101 |
| Locking lever | | |
|  | Nr. articol: 769-430 Locking lever; gray | www.wago.com/769-430 |
|  | Nr. articol: 769-431 Locking lever; orange | www.wago.com/769-431 |
| Coding | | |
|  | Nr. articol: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange | www.wago.com/769-435 |
| 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 mm ² to 4/2.5/1.5 mm ² ; Nominal current 15 A; gray | www.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 | |

Supus modificărilor.


 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


Male plug


 **Nr. articol: 769-602**
1-conductor male connector; 4 mm²; Pin spacing 5 mm; 2-pole; 4,00 mm²; gray www.wago.com/769-602


 **Nr. articol: 769-602/001-000**
1-conductor male connector; Snap-in mounting feet; 4 mm²; Pin spacing 5 mm; 2-pole; 4,00 mm²; gray www.wago.com/769-602/001-000


 **Nr. articol: 769-602/002-000**
1-conductor male connector; clamping collar; 4 mm²; Pin spacing 5 mm; 2-pole; 4,00 mm²; gray www.wago.com/769-602/002-000

 **Nr. articol: 769-602/004-000**
1-conductor male connector; Feedthrough flange; 4 mm²; Pin spacing 5 mm; 2-pole; 4,00 mm²; gray www.wago.com/769-602/004-000


 **Nr. articol: 769-602/005-000**
1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 2-pole; 4,00 mm²; gray www.wago.com/769-602/005-000


 **Nr. articol: 769-602/006-000**
1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 2-pole; 4,00 mm²; gray www.wago.com/769-602/006-000

 **Nr. articol: 769-632**
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole; gray www.wago.com/769-632

 **Nr. articol: 769-632/000-036**
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole; gray www.wago.com/769-632/000-036

 **Nr. articol: 769-632/003-000**
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 2-pole; gray www.wago.com/769-632/003-000

 **Nr. articol: 769-632/003-036**
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole; gray www.wago.com/769-632/003-036

 **Nr. articol: 769-632/004-000**
THT male header; 1.0 x 1.0 mm solder pin; straight; Feedthrough flange; Pin spacing 5 mm; 2-pole; gray www.wago.com/769-632/004-000

Supus modificărilor.

**Nr. articol: 769-632/007-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 2-pole; gray

www.wago.com/769-632/007-000**Nr. articol: 769-662**

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 2-pole; gray

www.wago.com/769-662**Nr. articol: 769-662/003-000**

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 2-pole; gray

www.wago.com/769-662/003-000**Nr. articol: 769-662/004-000**

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 2-pole; gray

www.wago.com/769-662/004-000**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**Descărcări****Documentation****Additional Information**

Technical explanations

Apr 3, 2019

pdf
2,1 MB

Descărcare

CAD/CAE-Data**CAD data**

2D/3D Models 769-122

URL

Descărcare

CAE data

EPLAN Data Portal 769-122

URL

Descărcare

WSCAD Universe 769-122

URL

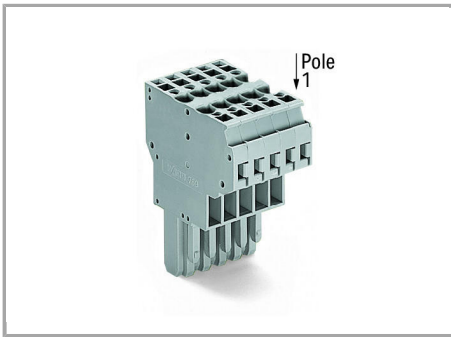
Descărcare

Installation Notes

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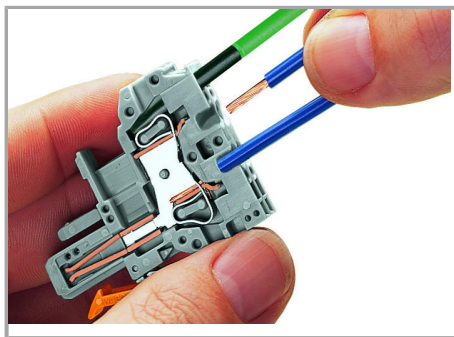


2-conductor female plugs:

- 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

Supus modificărilor.



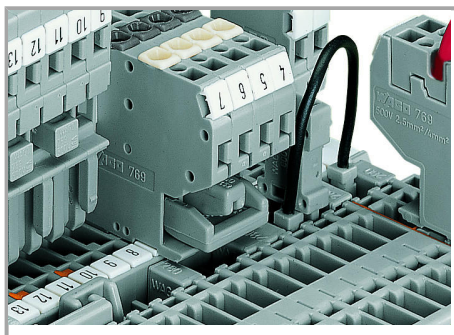
CAGE CLAMP® connection

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

Operation 90° to conductor is also possible.

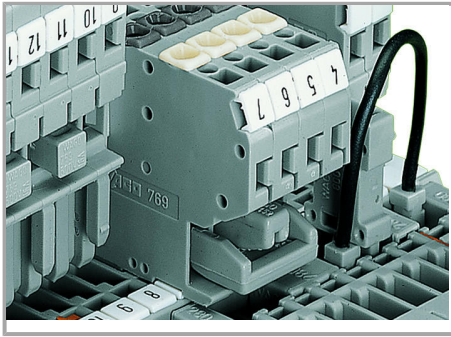
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

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
-

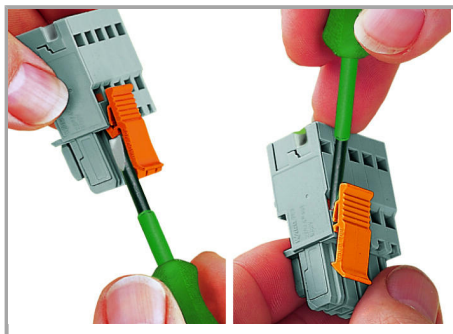
Coding



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.

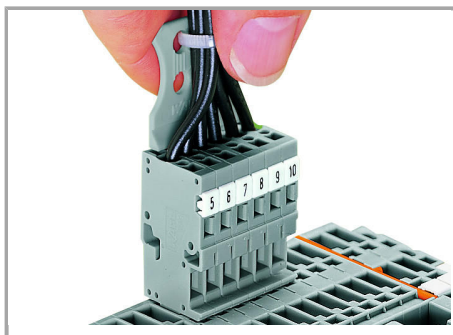
Supus modificărilor.

Locking lever



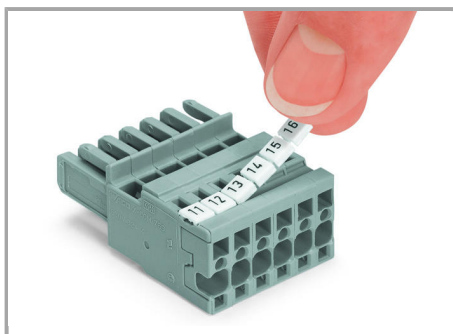
Locking/releasing a lever.

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

Supus modificărilor.



X-COM

Afișare globală produse din familie.

Supus modificărilor.

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