

Fișă tehnică | Număr articol: 769-112/000-038

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-112/000-038



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

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.

**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. | 12 |
| Total number of connection points | 12 |
| Total number of potentials | 12 |
| Wiring type | Front-entry wiring |

Geometrical Data

| | |
|--------------|---------------------|
| Width | 60 mm / 2.362 inch |
| Height | 45,2 mm / 1.78 inch |
| Depth | 18,3 mm / 0.72 inch |
| Module width | 5 mm / 0.197 inch |

Mechanical data

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

Plug connection

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

Supus modificărilor.

Material Data


| | |
|---------------------|--------------------------|
| Color | gray, blue, green-yellow |
| Insulation material | Polyamide 66 (PA 66) |
| Fire load | 0,643 MJ |
| Weight | 38,8 g |

Commercial data



| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4050821653547 |
| Customs tariff number | 85366990990 |

Aprobări / certificate

Country specific Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|---|---------------------------------|------------------------------|-----------------|
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 1101144 |

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

Supus modificărilor.

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Produse compatibile


| | | |
|--|---|--|
| Jumper | | |
|  | Nr. articol: 769-402 Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs; gray | www.wago.com/769-402 |
| Strain relief plate | | |
|  | Nr. articol: 769-414 Strain relief plate; gray | www.wago.com/769-414 |
| 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 |
| Male plug | | |
|  | Nr. articol: 769-612 1-conductor male connector; 4 mm ² ; Pin spacing 5 mm; 12-pole; 4,00 mm ² ; gray | www.wago.com/769-612 |
|  | Nr. articol: 769-612/001-000 1-conductor male connector; Snap-in mounting feet; 4 mm ² ; Pin spacing 5 mm; 12-pole; 4,00 mm ² ; gray /001-000 | www.wago.com/769-612/001-000 |
|  | Nr. articol: 769-612/002-000 1-conductor male connector; clamping collar; 4 mm ² ; Pin spacing 5 mm; 12-pole; 4,00 mm ² ; gray /002-000 | www.wago.com/769-612/002-000 |
|  | Nr. articol: 769-612/004-000 1-conductor male connector; Feedthrough flange; 4 mm ² ; Pin spacing 5 mm; 12-pole; 4,00 mm ² ; gray /004-000 | www.wago.com/769-612/004-000 |
|  | Nr. articol: 769-612/005-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 12-pole; 4,00 mm ² ; gray /005-000 | www.wago.com/769-612/005-000 |
|  | Nr. articol: 769-612/006-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 12-pole; 4,00 mm ² ; gray /006-000 | www.wago.com/769-612/006-000 |


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| | | |
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|  | Nr. articol: 769-642 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 12-pole; gray | www.wago.com/769-642 |
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|--|---|--|
|  | Nr. articol: 769-642/003-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 12-pole; gray | www.wago.com/769-642/003-000 |
|--|---|--|

| | | |
|--|--|--|
|  | Nr. articol: 769-642/004-000 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 12-pole; gray | www.wago.com/769-642/004-000 |
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| | | |
|--|---|--|
|  | Nr. articol: 769-642/007-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 12-pole; gray | www.wago.com/769-642/007-000 |
|--|---|--|

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|  | Nr. articol: 769-672 THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 12-pole; gray | www.wago.com/769-672 |
|--|--|--|

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|--|---|--|
|  | Nr. articol: 769-672/003-000 THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 12-pole; gray | www.wago.com/769-672/003-000 |
|--|---|--|


| | | |
|--|--|--|
|  | Nr. articol: 769-672/004-000 THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 12-pole; gray | www.wago.com/769-672/004-000 |
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ferrule

| | | |
|---|--|--|
|  | Nr. articol: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated | www.wago.com/216-101 |
|---|--|--|

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|---|---|--|
|  | Nr. articol: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated | www.wago.com/216-102 |
|---|---|--|


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|---|--|--|
|  | Nr. articol: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated | www.wago.com/216-103 |
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|---|--|--|
|  | Nr. articol: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated | www.wago.com/216-104 |
|---|--|--|

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|---|---|--|
|  | Nr. articol: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white | www.wago.com/216-201 |
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|---|---|--|
|  | Nr. articol: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray | www.wago.com/216-202 |
|---|---|--|

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|---|---|--|
|  | Nr. articol: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red | www.wago.com/216-203 |
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|  | Nr. articol: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black | www.wago.com/216-204 |
|---|---|--|

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|  | Nr. articol: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue | www.wago.com/216-206 |
|---|--|--|

Supus modificărilor.

Nr. articol: 216-301Ferrule; 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**Locking lever****Nr. articol: 769-428**

Locking lever; gray

www.wago.com/769-428**Nr. articol: 769-429**

Locking lever; orange

www.wago.com/769-429**Nr. articol: 769-430**

Locking lever; gray

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

Locking lever; orange

www.wago.com/769-431**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: 210-805**

Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white

www.wago.com/210-805

Supus modificărilor.

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Nr. articol: 210-805/000-002
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow

www.wago.com/210-805/000-002



Nr. articol: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

www.wago.com/210-831



Nr. articol: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

www.wago.com/210-832



Nr. articol: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

www.wago.com/210-834



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



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

General accessories



Nr. articol: 769-436
Jumper cover; for 1-conductor female plugs; for 5 poles; gray

www.wago.com/769-436

Protective Warning Marker

Supus modificărilor.



Nr. articol: 280-415

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

www.wago.com/280-415

Insulation stop



Nr. articol: 769-470

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

www.wago.com/769-470



Nr. articol: 769-471

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

www.wago.com/769-471



Nr. articol: 769-472

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

www.wago.com/769-472

Descărcări

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
2,1 MB

Descărcare

CAD/CAE-Data

CAE data

EPLAN Data Portal 769-112/000-038

URL

Descărcare

WSCAD Universe 769-112/000-038

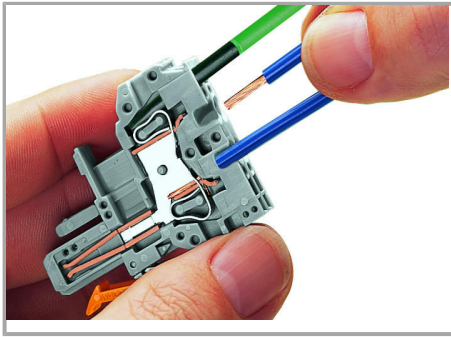
URL

Descărcare

Installation Notes

Conductor termination

Supus modificărilor.



CAGE CLAMP® connection



Operating lever



Operating tool

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

Inserting a conductor via operating tool – side-entry wiring (example shows a female plug).

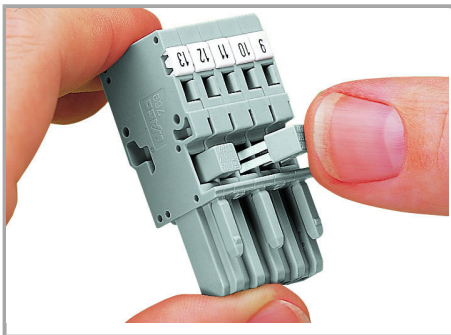
Inserting a conductor via operating tool – side-entry wiring (example shows a female plug).

Operation 90° to conductor is also possible.

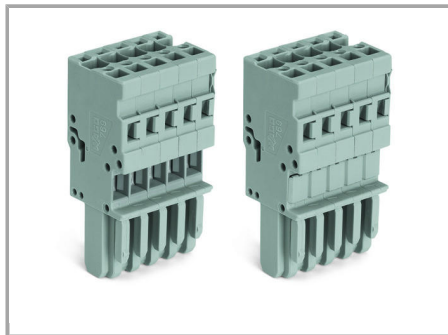
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

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

Commoning



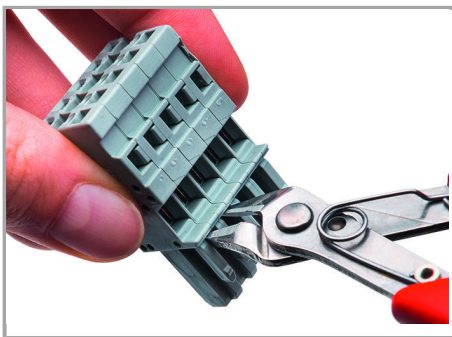
Commoning 1-conductor female plugs via miniature adjacent jumpers.



Jumper cover for 1-conductor female plugs

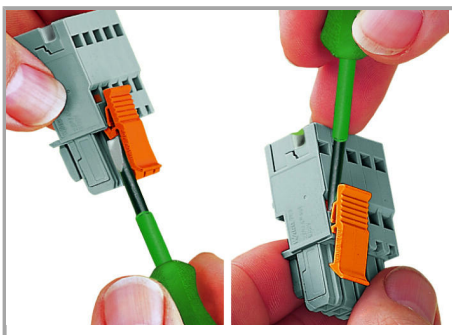
Coding

Supus modificărilor.



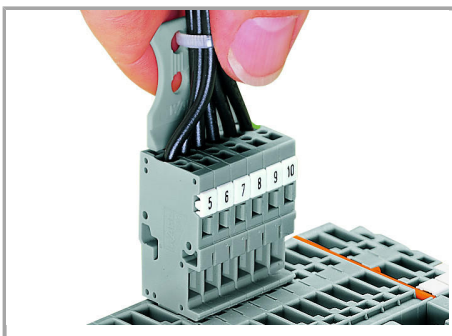
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

Locking lever



Locking/releasing a lever.

Strain Relief



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

Marking

Supus modificărilor.



Labeling a female plug with CAGE CLAMP® connection via Mini-WSB quick markers.

Familie de produse

X-COM

Afișare globală produse din familie.

Supus modificărilor.