

Fișă tehnică | Număr articol: 769-504/000-006

Start module for 2-conductor female connector; with integrated end plate; 4 mm²; 1-pole; 4,00 mm²; blue

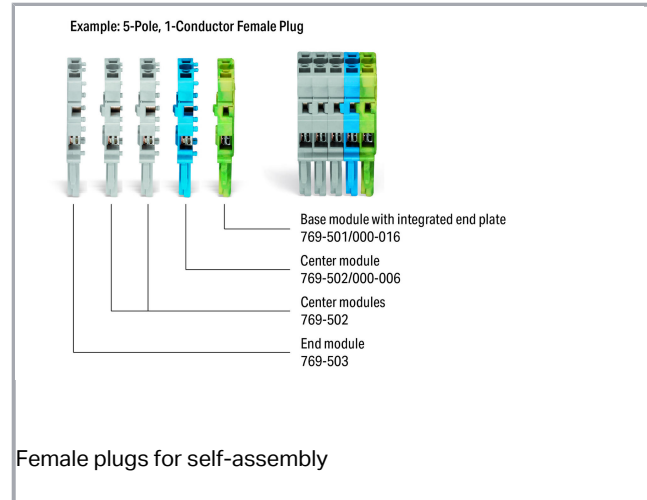
www.wago.com/769-504/000-006



RoHS Compliant

BOMcheck.net

Culoare: ■



Descriere articol

Customizing Modular Female Plugs

WAGO's modular X-COM®-SYSTEM female plugs can be customized for applications that require a varying number of poles (e.g., when designing prototypes).

Modules and Pole Numbers

A customized X-COM®-SYSTEM female plug consists of:

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.



- One base module with an integrated end plate
- Up to 13 center modules (corresponding to a 15-pole female plug = maximum pole number)
- One end module

Intended Use

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

Assembly

The appropriate mounting tool shall be used to ensure that the individual modules are properly attached to each other without damaging the locking latches.

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. | 1 |
| Total number of connection points | 2 |
| Total number of potentials | 1 |
| Wiring type | Front-entry wiring |

Supus modificărilor.

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**Geometrical Data**

| | |
|--------------|----------------------|
| Width | 5 mm / 0.197 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 |
|---------------|--------------|

Plug connection

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


Material Data

| | |
|---------------------|----------------------|
| Color | blue |
| Insulation material | Polyamide 66 (PA 66) |
| Fire load | 0,097 MJ |
| Weight | 5,7 g |

Commercial data

| | |
|-----------------------|-------------------|
| Product Group | 18 (X-COM-System) |
| Packaging type | bag |
| Country of origin | PL |
| GTIN | 4045454529864 |
| 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 |

Supus modificărilor.

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CSA
DEKRA Certification B.V.

C22.2 No. 158

1101144





KEMA/KEUR
DEKRA Certification B.V.

EN 60947

2190419.01




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

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 |

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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


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

 **Nr. articol: 216-302**
Ferrule; Sleeve for 0.34 mm² / 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

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

Marking accessories

Supus modificărilor.

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| | | |
|--|--|--|
|  | 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: 210-831 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: 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 |

Supus modificărilor.



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

Strain relief plate



Nr. articol: 769-1602

Strain relief housing; gray

www.wago.com/769-1602



Nr. articol: 769-1603

Strain relief housing; gray

www.wago.com/769-1603



Nr. articol: 769-1604

Strain relief housing; gray

www.wago.com/769-1604



Nr. articol: 769-1605

Strain relief housing; gray

www.wago.com/769-1605



Nr. articol: 769-1606

Strain relief housing; gray

www.wago.com/769-1606



Nr. articol: 769-1607

Strain relief housing; gray

www.wago.com/769-1607



Nr. articol: 769-1608

Strain relief housing; gray

www.wago.com/769-1608



Nr. articol: 769-1609

Strain relief housing; gray

www.wago.com/769-1609



Nr. articol: 769-1610

Strain relief housing; gray

www.wago.com/769-1610



Nr. articol: 769-1611

Strain relief housing; gray

www.wago.com/769-1611



Nr. articol: 769-1612

Strain relief housing; gray

www.wago.com/769-1612

Supus modificărilor.

| | | |
|--|---|--|
|  | Nr. articol: 769-1613 Strain relief housing; gray | www.wago.com/769-1613 |
|  | Nr. articol: 769-1614 Strain relief housing; gray | www.wago.com/769-1614 |
|  | Nr. articol: 769-1615 Strain relief housing; gray | www.wago.com/769-1615 |
|  | Nr. articol: 769-410 Strain relief plate; gray | www.wago.com/769-410 |
|  | Nr. articol: 769-411 Strain relief plate; gray | www.wago.com/769-411 |
|  | Nr. articol: 769-412 Strain relief plate; gray | www.wago.com/769-412 |
|  | Nr. articol: 769-413 Strain relief plate; gray | www.wago.com/769-413 |
|  | Nr. articol: 769-414 Strain relief plate; gray | www.wago.com/769-414 |

Descărcări

Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|------------|
| Technical explanations | Apr 3, 2019 | pdf 2,1 MB | Descărcare |
|------------------------|-------------|---------------|------------|

CAD/CAE-Data

CAD data

| | | |
|------------------------------|-----|------------|
| 2D/3D Models 769-504/000-006 | URL | Descărcare |
|------------------------------|-----|------------|

CAE data

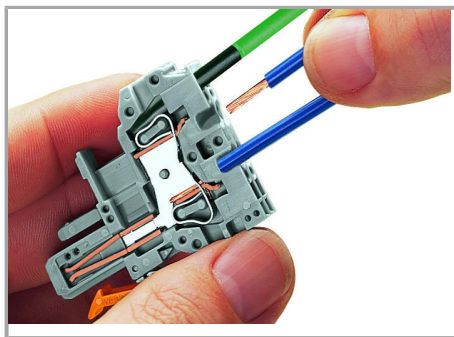
| | | |
|-----------------------------------|-----|------------|
| EPLAN Data Portal 769-504/000-006 | URL | Descărcare |
|-----------------------------------|-----|------------|

| | | |
|--------------------------------|-----|------------|
| WSCAD Universe 769-504/000-006 | URL | Descărcare |
|--------------------------------|-----|------------|

Installation Notes

Conductor termination

Supus modificărilor.



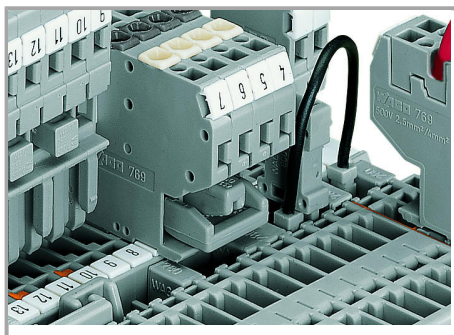
CAGE CLAMP® connection

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

Operation 90° to conductor is also possible.

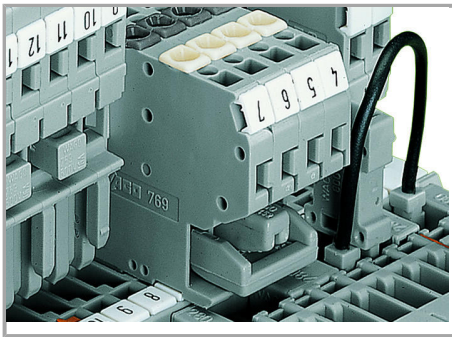
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

Commoning



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

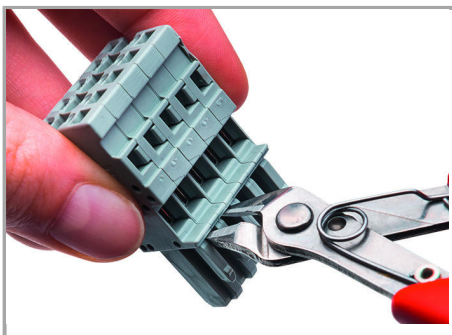
Supus modificărilor.



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
-

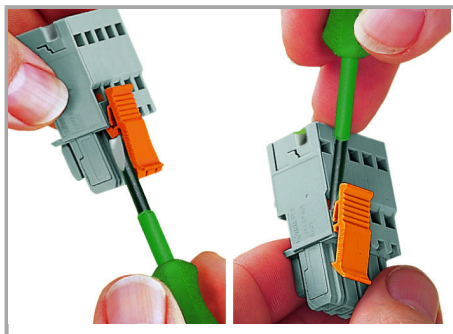
Coding



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.

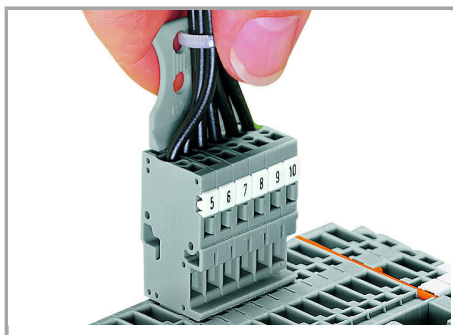
Supus modificărilor.

Locking lever



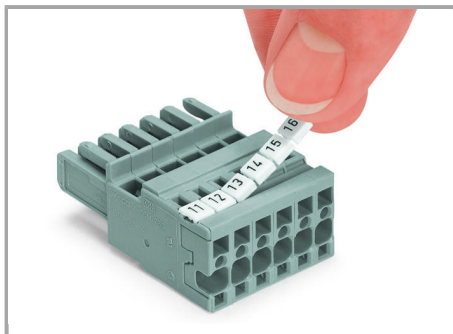
Locking/releasing a lever.

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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