

Descriere articol

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.



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) ≙ 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. | 13 |
| Total number of connection points | 13 |
| Total number of potentials | 13 |
| Wiring type | Front-entry wiring |

Geometrical Data

| | |
|--------------|---------------------|
| Width | 65 mm / 2.559 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 |
|---------------|--------------|

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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 | 0,736 MJ |
| Weight | 42,5 g |

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4045454681937 |
| Customs tariff number | 85366990990 |



Aprobări / certificate

Country specific Approvals

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

UL-Approvals


| Supus modificărilor. | Nume |
|----------------------|------|
| | |

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




Counterpart

Produse compatibile

General accessories

| | | |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | Nr. articol: 769-436 Jumper cover; for 1-conductor female plugs; for 5 poles; gray | www.wago.com/769-436 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------|

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 |

Strain relief plate
















| | | |
|------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------|
|  | Nr. articol: 769-1613 Strain relief housing; gray | www.wago.com/769-1613 |
|  | Nr. articol: 769-414 Strain relief plate; gray | www.wago.com/769-414 |

Locking lever

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| | | |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | 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 |
|  | 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 |
















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| | | |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|  | 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 |
| 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 mm ² / AWG 22; uninsulated; electro-tin plated | www.wago.com/216-101 |
| | Nr. articol: 216-102 | |

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| | | |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
|  | Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated | www.wago.com/216-102 |
|  | Nr. articol: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated | www.wago.com/216-103 |
|  | Nr. articol: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated | www.wago.com/216-104 |
|  | Nr. articol: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white | www.wago.com/216-201 |
|  | Nr. articol: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray | www.wago.com/216-202 |
|  | Nr. articol: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red | www.wago.com/216-203 |
|  | Nr. articol: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black | www.wago.com/216-204 |
|  | Nr. articol: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue | www.wago.com/216-206 |
| | Nr. articol: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow | www.wago.com/216-301 |
|  | Nr. articol: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green | www.wago.com/216-302 |
| Jumper | | |
|  | Nr. articol: 769-402 Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs; gray | www.wago.com/769-402 |
| Male plug | | |
|  | Nr. articol: 769-613 1-conductor male connector; 4 mm ² ; Pin spacing 5 mm; 13-pole; 4,00 mm ² ; gray | www.wago.com/769-613 |
|  | Nr. articol: 769-613/001-000 1-conductor male connector; Snap-in mounting feet; 4 mm ² ; Pin spacing 5 mm; 13-pole; 4,00 mm ² ; gray /001-000 | www.wago.com/769-613 |
|  | Nr. articol: 769-613/002-000 1-conductor male connector; clamping collar; 4 mm ² ; Pin spacing 5 mm; 13-pole; 4,00 mm ² ; gray /002-000 | www.wago.com/769-613 /002-000 |
|  | Nr. articol: 769-613/004-000 1-conductor male connector; Feedthrough flange; 4 mm ² ; Pin spacing 5 mm; 13-pole; 4,00 mm ² ; gray /004-000 | www.wago.com/769-613 /004-000 |
|  | Nr. articol: 769-613/005-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 13-pole; 4,00 mm ² ; gray /005-000 | www.wago.com/769-613 /005-000 |

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Nr. articol: 769-613/006-000

1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 13-pole; 4,00 mm²; gray

www.wago.com/769-613/006-000



Nr. articol: 769-643

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 13-pole; gray

www.wago.com/769-643



Nr. articol: 769-643/003-000

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 13-pole; gray

www.wago.com/769-643/003-000



Nr. articol: 769-643/004-000

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 13-pole; gray

www.wago.com/769-643/004-000



Nr. articol: 769-643/007-000

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 13-pole; gray

www.wago.com/769-643/007-000



Nr. articol: 769-673

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 13-pole; gray

www.wago.com/769-673



Nr. articol: 769-673/003-000

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 13-pole; gray

www.wago.com/769-673/003-000



Nr. articol: 769-673/004-000

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 13-pole; gray

www.wago.com/769-673/004-000

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

Descărcări

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
2,1 MB

Descărcare

CAD/CAE-Data

CAD data

2D/3D Models 769-113/000-006

URL

Descărcare

CAE data

EPLAN Data Portal 769-113/000-006

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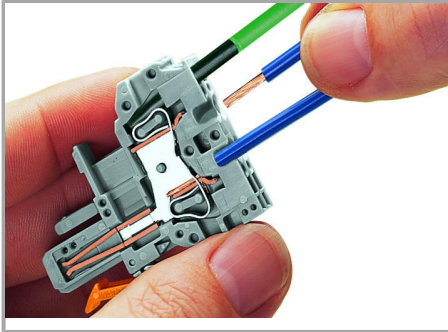
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?

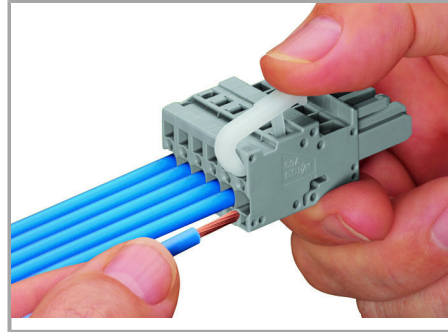
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

Installation Notes

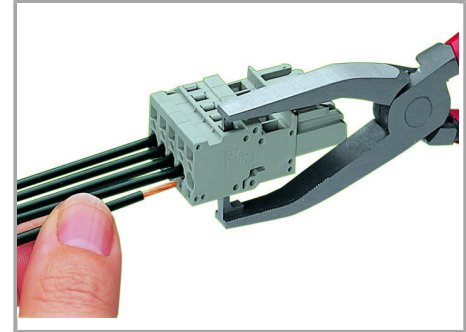
Conductor termination



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).

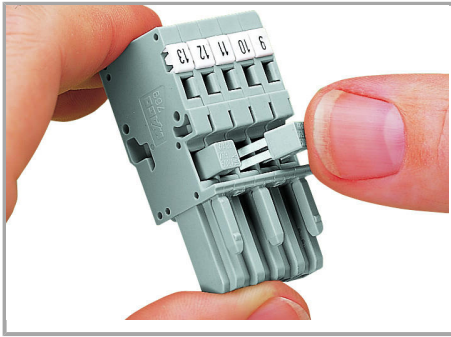
Operation 90° to conductor is also possible.

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

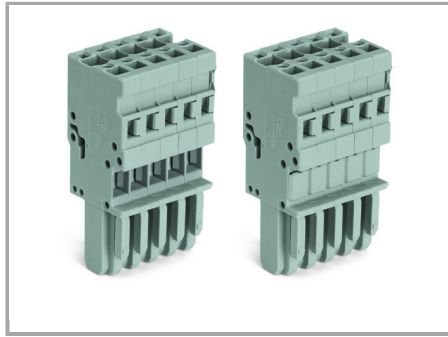
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

Commoning

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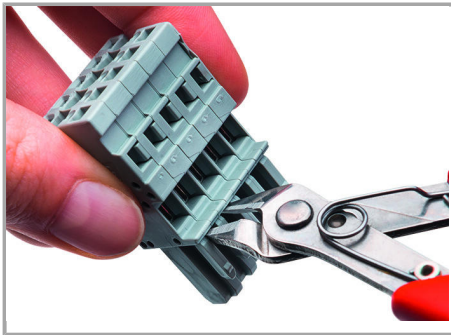


Commoning 1-conductor female plugs via miniature adjacent jumpers.



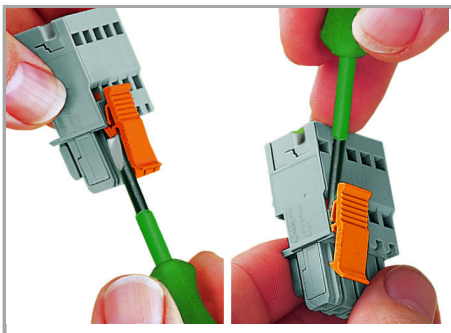
Jumper cover for 1-conductor female plugs

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.

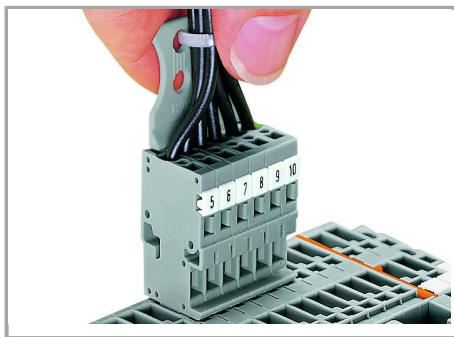
Locking lever



Locking/releasing a lever.

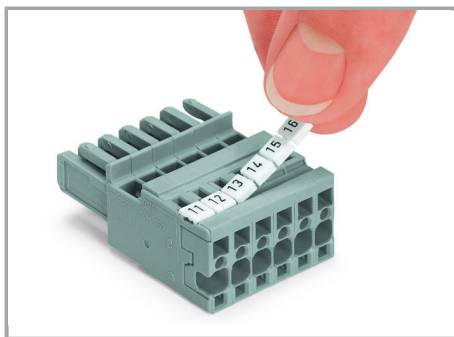
Strain Relief

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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

X-COM

Afișare globală produse din familie.

Supus modificărilor.