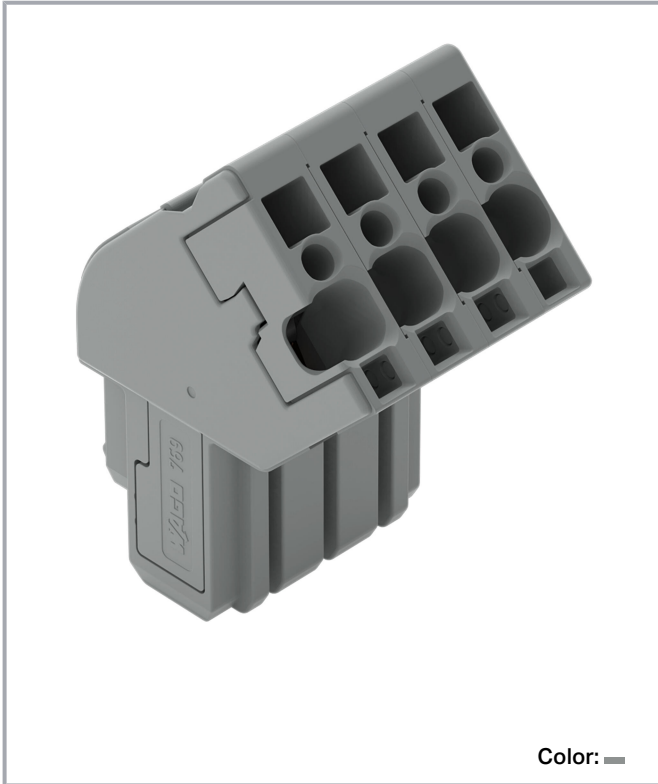


Data sheet | Item number: 769-104/022-000

1-conductor female connector, angled; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 4-pole; coding finger; 4,00 mm²; gray

www.wago.com/769-104/022-000



Data

Notes

Safety information

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

Electrical data

Ratings per IEC/EN

| Ratings per | IEC/EN 61984 |
|-------------------------------|--------------|
| Nominal voltage (III/3) | 500 V |
| Rated impulse voltage (III/3) | 6 kV |
| Rated current | 32 A |

Subject to changes. Please also observe the further product documentation!

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Legend (ratings)

(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Connection data

| | |
|----------------------------|---|
| Connection points | 4 |
| Total number of potentials | 4 |

Connection 1

| | |
|---|--|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Nominal cross-section | 4 mm ² / 12 AWG |
| 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 inches |
| Pole number | 4 |
| Wiring direction | Front-entry wiring |
| Conductor entry direction to mating direction | 45 ° |

Physical data

| | |
|--------------|------------------------|
| Width | 20 mm / 1.969 inches |
| Height | 37.1 mm / 1.461 inches |
| Depth | 26.5 mm / 1.043 inches |
| Module width | 5 mm / 0.197 inches |

Mechanical Data

| | |
|--|--------------|
| Variable coding | Yes |
| Direct ground contact to DIN-rail/drilled hole/housing | No |
| Marking level | Side marking |
| Anti-rotation protection | Yes |

Plug-in connection

| | |
|--------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type) | for conductor |
| Mismating protection | No |
| Plugging without loss of pin spacing | Yes |

Subject to changes. Please also observe the further product documentation!



Material data

Note (material data)

Information on material specifications can be found here

| | |
|-----------------------------|------------------|
| Color | gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.234 MJ |
| Halogen-free | Yes |
| Weight | 9.9 g |

Environmental requirements

| | |
|----------------------------------|-----------------|
| Processing temperature | -35 ... +85 °C |
| Continuous operating temperature | -60 ... +105 °C |

Commercial data

| | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-14-11-06 |
| eCl@ss 9.0 | 27-14-11-06 |
| ETIM 8.0 | EC001284 |
| ETIM 7.0 | EC001284 |
| ECCN | NO DATA |
| PU (SPU) | 50 pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4044918547543 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Approvals / Certificates

General approvals



| Logo | Approval | Additional Approval Text | Certificate name |
|------|--|--------------------------|------------------|
| | CCA DEKRA Certification B.V. | EN 60947 | NTR NL- 7626 |

Subject to changes. Please also observe the further product documentation!

CCA

| | | | |
|--|---------------------------------------|-----------|-----------------|
|  | CCA DEKRA Certification B.V. | EN 61984 | 2190419.02 |
| | CCA DEKRA Certification B.V. | IEC 61984 | NL-47799 /A1 |
|  | CSA CSA Group | C22.2 | 1101144 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 60947 | 2190419.01 |
|  | UL Underwriters Laboratories Inc. | UL 1977 | E 45171 |
|  | UR Underwriters Laboratories Inc. | UL 1059 | E45172 |

Declarations of conformity and manufacturer's declarations

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
|  | UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Approvals for marine applications

| Logo | Approval | Additional Approval Text | Certificate name |
|------|------------------------------------|--------------------------|-------------------|
| | ABS American Bureau of Shipping | EN 60947 | 20- HG1941090- |

Subject to changes. Please also observe the further product documentation!



Counterpart



Item no. 769-164/769-313

2-pin terminal block for pluggable modules; 8-pole; with 2 jumper positions; with orange separator plate; for DIN-rail 35 x 15 and 35 x 7.5; gray

www.wago.com/769-164/769-313

Optional accessories

Strain relief

Strain relief



Item no.: 769-1604

Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 4-pole; gray

www.wago.com/769-1604



Item no.: 769-412

Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 4- to 5-pole; gray

www.wago.com/769-412

Ferrule

Ferrule



Item no.: 216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-101



Item no.: 216-104

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-104



Item no.: 216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-102



Item no.: 216-103

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

www.wago.com/216-103



Item no.: 216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

www.wago.com/216-203



Item no.: 216-206

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

www.wago.com/216-206



Item no.: 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

www.wago.com/216-202



Item no.: 216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

www.wago.com/216-204



Item no.: 216-201

Subject to changes. Please also observe the further product documentation!

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Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-201

 **Item no.: 216-301**
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow


www.wago.com/216-301

 **Item no.: 216-302**
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise


www.wago.com/216-302

Insulation stop


Insulation stop

 **Item no.: 769-470**
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

www.wago.com/769-470

 **Item no.: 769-471**
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray


www.wago.com/769-471

 **Item no.: 769-472**
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray


www.wago.com/769-472

Marking accessories

Marker

 **Item no.: 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

 **Item no.: 248-501**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/248-501

Protective warning marker


Cover

 **Item no.: 280-415**
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

www.wago.com/280-415

Testing and measuring


Testing accessories

 **Item no.: 210-136**
Test plug; 2 mm Ø; with 500 mm cable; red

www.wago.com/210-136

Tool

Operating tool

 **Item no.: 769-434**
Operating tool; made of insulating material; 1-way; loose; white

www.wago.com/769-434

Subject to changes. Please also observe the further product documentation!



Downloads

Documentation

Bid Text

| | | | |
|--------------------------------|-------------|---------------|----------|
| 769-104/022-000 X81 - Datei | 2019 Feb 19 | xml 3.2 kB | Download |
|--------------------------------|-------------|---------------|----------|

| | | | |
|--------------------------------|------------|----------------|----------|
| 769-104/022-000 doc - Datei | 2017 Oct 4 | doc 26.6 kB | Download |
|--------------------------------|------------|----------------|----------|

Additional Information

| | | | |
|--|--|---------------|----------|
| | | pdf 2.3 MB | Download |
|--|--|---------------|----------|

CAD/CAE-Data

CAD data

| | | | |
|------------------------------|--|-----|----------|
| 2D/3D Models 769-104/022-000 | | URL | Download |
|------------------------------|--|-----|----------|

CAE data

| | | | |
|-----------------------------------|--|-----|----------|
| EPLAN Data Portal 769-104/022-000 | | URL | Download |
|-----------------------------------|--|-----|----------|

| | | | |
|--------------------------------|--|-----|----------|
| WSCAD Universe 769-104/022-000 | | URL | Download |
|--------------------------------|--|-----|----------|

| | | | |
|------------------------------|--|-----|----------|
| ZUKEN Portal 769-104/022-000 | | URL | Download |
|------------------------------|--|-----|----------|

| | | | |
|--------------------------------|--|-----|----------|
| WSCAD Universe 769-104/022-000 | | URL | Download |
|--------------------------------|--|-----|----------|

| | | | |
|-----------------------------------|--|-----|----------|
| EPLAN Data Portal 769-104/022-000 | | URL | Download |
|-----------------------------------|--|-----|----------|

Asset Administration Shell

| | | | |
|--|--|-----|----------|
| Asset Administration Shell 769-104/022-000 | | URL | Download |
|--|--|-----|----------|

Environmental Product Compliance

Compliance Search

| | | | |
|--|--|-----|----------|
| Environmental Product Compliance 769-104/022-000 | | URL | Download |
|--|--|-----|----------|

1-conductor female connector, angled; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 4-pole; coding finger; 4,00 mm²; gray

Subject to changes. Please also observe the further product documentation!

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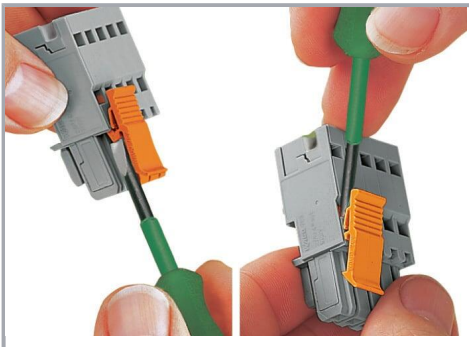
Installation Notes

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.

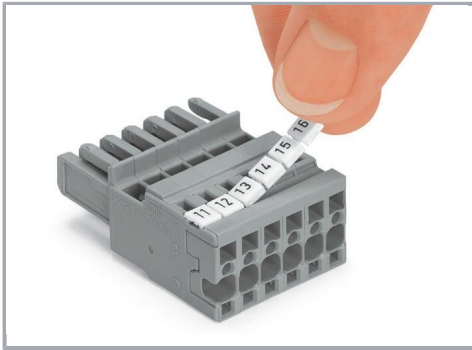
Locking system



Locking/releasing a lever.

Marking

Subject to changes. Please also observe the further product documentation!



Labeling a female plug with CAGE CLAMP® connection via Mini-WSB Quick Markers.

Product family

X-COM

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!