

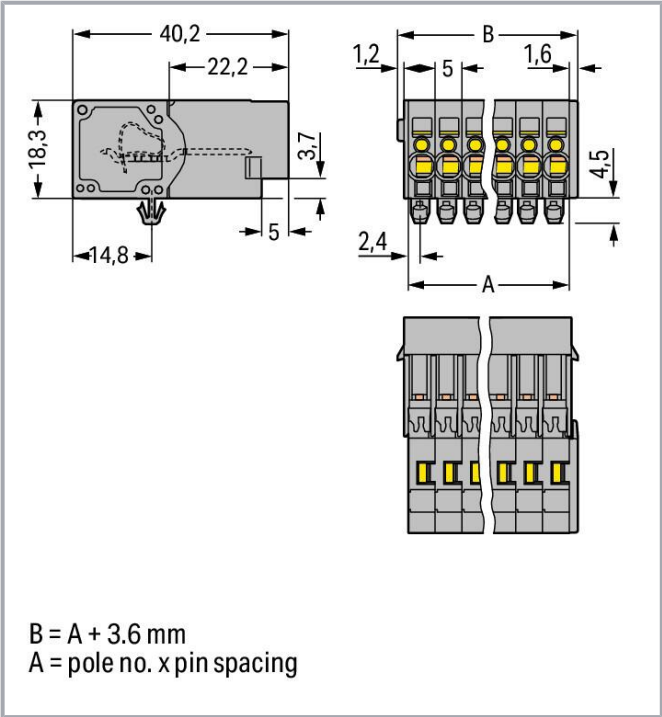
**Data sheet | Item number: 769-607/001-000**

1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; 4,00 mm²; gray

[www.wago.com/769-607/001-000](http://www.wago.com/769-607/001-000)



Color:



**Data**

**Electrical data**

**Ratings per IEC/EN**

|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Nominal voltage (III/3)       | 500 V                                                     |
| Rated impulse voltage (III/3) | 6 kV                                                      |
| Rated current                 | 32 A                                                      |
| Legend (ratings)              | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

**Connection data**

|                            |   |
|----------------------------|---|
| Connection points          | 7 |
| Total number of potentials | 7 |

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

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## Connection 1

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Connection technology           | CAGE CLAMP®                       |
| Actuation type                  | Operating tool                    |
| Connectable conductor materials | Copper                            |
| Nominal cross-section           | 4 mm² / 12 AWG                    |
| Solid conductor                 | 0.08 ... 4 mm² / 28 ... 12 AWG    |
| Fine-stranded conductor         | 0.08 ... 4 mm² / 28 ... 12 AWG    |
| Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches |
| Pole number                     | 7                                 |
| Wiring direction                | Front-entry wiring                |

## Physical data

|                         |                        |
|-------------------------|------------------------|
| Pin spacing             | 5 mm / 0.197 inches    |
| Width                   | 38.6 mm / 1.52 inches  |
| Height from the surface | 18.3 mm / 0.72 inches  |
| Depth                   | 40.2 mm / 1.583 inches |

## Mechanical Data

|                                                        |                                         |
|--------------------------------------------------------|-----------------------------------------|
| Variable coding                                        | Yes                                     |
| Housing sheet thickness                                | 0.6 ... 1.2 mm / 0.024 ... 0.047 inches |
| Direct ground contact to DIN-rail/drilled hole/housing | No                                      |
| Mounting type                                          | Snap-in foot                            |
| Anti-rotation protection                               | Yes                                     |

## Plug-in connection

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

## Material data

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Note (material data) | Information on material specifications can be found here |
| Color                | gray                                                     |
| Material group       | I                                                        |

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



|                             |                  |
|-----------------------------|------------------|
| Insulation material         | Polyamide (PA66) |
| Flammability class per UL94 | V0               |
| Fire load                   | 0.48 MJ          |
| Weight                      | 20.9 g           |

## Environmental requirements

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

## Commercial data

|                       |                   |
|-----------------------|-------------------|
| Product Group         | 18 (X-COM-System) |
| eCl@ss 10.0           | 27-14-11-06       |
| eCl@ss 9.0            | 27-14-11-06       |
| ETIM 8.0              | EC001284          |
| ETIM 7.0              | EC001284          |
| PU (SPU)              | 25 pcs            |
| Packaging type        | Box               |
| Country of origin     | PL                |
| GTIN                  | 4044918522090     |
| Customs tariff number | 85366930000       |

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

| Logo                                                                               | Approval                        | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | NTR NL-7626      |
|  | CCA<br>DEKRA Certification B.V. | EN 61984                 | 2190419.02       |
|                                                                                    | CCA<br>DEKRA Certification B.V. | IEC 61984                | NL-47799 /A1     |

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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<br>WAGO GmbH & Co. KG | -                        | -                |
|  | UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |

## Approvals for marine applications

| Logo                                                                               | Approval                                         | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|------------------|
|  | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2       |

## Counterpart



## Item no.769-107

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; coding finger; 4,00 mm²; gray

[www.wago.com/769-107](http://www.wago.com/769-107)

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**Item no. 769-127**

2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; coding finger; 4,00 mm²; gray

[www.wago.com/769-127](http://www.wago.com/769-127)**Item no. 769-107/021-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; coding finger; Lateral locking levers; 4,00 mm²; gray

[www.wago.com/769-107/021-000](http://www.wago.com/769-107/021-000)**Optional accessories****Strain relief**

Strain relief

**Item no.: 769-413**

Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 6- to 9-pole; gray

[www.wago.com/769-413](http://www.wago.com/769-413)**Tool**

Operating tool

**Item no.: 210-490**

Operating tool

[www.wago.com/210-490](http://www.wago.com/210-490)**Item no.: 769-434**

Operating tool; made of insulating material; 1-way; loose; white

[www.wago.com/769-434](http://www.wago.com/769-434)**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](http://www.wago.com/280-415)**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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/216-206)

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

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|                                                                                    |                                                                                                                                  |                                                                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|     | <b>Item no.: 216-202</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray               | <a href="http://www.wago.com/216-202">www.wago.com/216-202</a> |
|     | <b>Item no.: 216-204</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; black               | <a href="http://www.wago.com/216-204">www.wago.com/216-204</a> |
|     | <b>Item no.: 216-201</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; white               | <a href="http://www.wago.com/216-201">www.wago.com/216-201</a> |
| <b>Coding</b>                                                                      |                                                                                                                                  |                                                                |
| Coding                                                                             |                                                                                                                                  |                                                                |
|    | <b>Item no.: 769-435</b><br>Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange        | <a href="http://www.wago.com/769-435">www.wago.com/769-435</a> |
| <b>Insulation stop</b>                                                             |                                                                                                                                  |                                                                |
| Insulation stop                                                                    |                                                                                                                                  |                                                                |
|    | <b>Item no.: 769-470</b><br>Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip; white | <a href="http://www.wago.com/769-470">www.wago.com/769-470</a> |
|    | <b>Item no.: 769-471</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray                             | <a href="http://www.wago.com/769-471">www.wago.com/769-471</a> |
|   | <b>Item no.: 769-472</b><br>Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip; dark gray                                | <a href="http://www.wago.com/769-472">www.wago.com/769-472</a> |
| <b>Marking accessories</b>                                                         |                                                                                                                                  |                                                                |
| Marking strip                                                                      |                                                                                                                                  |                                                                |
|  | <b>Item no.: 210-831</b><br>Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white                                    | <a href="http://www.wago.com/210-831">www.wago.com/210-831</a> |
|  | <b>Item no.: 210-833</b><br>Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white                                 | <a href="http://www.wago.com/210-833">www.wago.com/210-833</a> |
|  | <b>Item no.: 210-834</b><br>Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white                                      | <a href="http://www.wago.com/210-834">www.wago.com/210-834</a> |
|  | <b>Item no.: 210-832</b><br>Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white                                      | <a href="http://www.wago.com/210-832">www.wago.com/210-832</a> |
| Marker                                                                             |                                                                                                                                  |                                                                |
|  | <b>Item no.: 248-501</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white                          | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a> |

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



## Downloads

### Documentation

#### Bid Text

|                                |             |               |          |
|--------------------------------|-------------|---------------|----------|
| 769-607/001-000<br>X81 - Datei | 2019 Feb 19 | xml<br>3.4 kB | Download |
|--------------------------------|-------------|---------------|----------|

|                                |            |                |          |
|--------------------------------|------------|----------------|----------|
| 769-607/001-000<br>doc - Datei | 2017 Oct 4 | doc<br>25.6 kB | Download |
|--------------------------------|------------|----------------|----------|

#### Additional Information

|               |          |
|---------------|----------|
| pdf<br>2.3 MB | Download |
|---------------|----------|

## CAD/CAE-Data

### CAD data

|                              |     |          |
|------------------------------|-----|----------|
| 2D/3D Models 769-607/001-000 | URL | Download |
|------------------------------|-----|----------|

### CAE data

|                                   |     |          |
|-----------------------------------|-----|----------|
| EPLAN Data Portal 769-607/001-000 | URL | Download |
|-----------------------------------|-----|----------|

|                                |     |          |
|--------------------------------|-----|----------|
| WSCAD Universe 769-607/001-000 | URL | Download |
|--------------------------------|-----|----------|

|                              |     |          |
|------------------------------|-----|----------|
| ZUKEN Portal 769-607/001-000 | URL | Download |
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|                                |     |          |
|--------------------------------|-----|----------|
| WSCAD Universe 769-607/001-000 | URL | Download |
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|                                   |     |          |
|-----------------------------------|-----|----------|
| EPLAN Data Portal 769-607/001-000 | URL | Download |
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### Asset Administration Shell

|                                            |     |          |
|--------------------------------------------|-----|----------|
| Asset Administration Shell 769-607/001-000 | URL | Download |
|--------------------------------------------|-----|----------|

## Environmental Product Compliance

### Compliance Search

|                                                  |     |          |
|--------------------------------------------------|-----|----------|
| Environmental Product Compliance 769-607/001-000 | URL | Download |
|--------------------------------------------------|-----|----------|

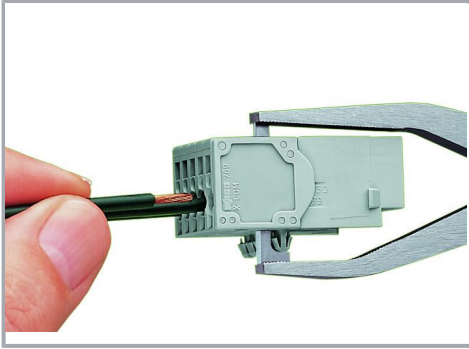
Subject to changes. Please also observe the further product documentation!

1-conductor male connector; CAGE CLAMP®; 4 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; 4,00 mm<sup>2</sup>; gray

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## Installation Notes

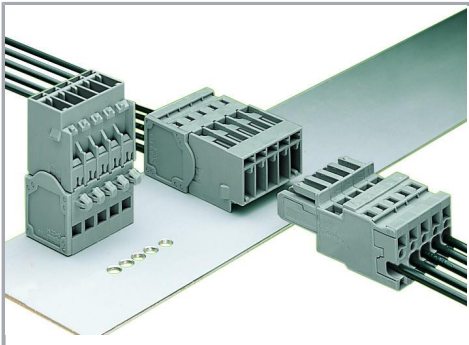
### Conductor termination



#### Operating tool

Inserting a conductor via operating tool  
(example shows a male connector with snap-in mounting feet).

### Application

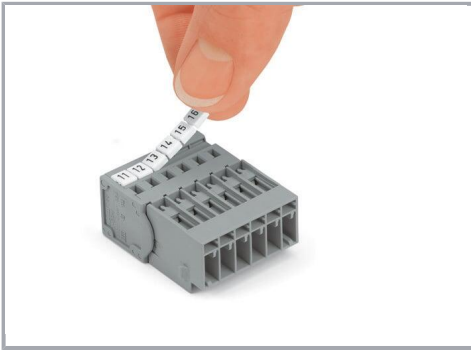


Male connector with CAGE CLAMP®  
connection and snap-in mounting feet  
1-connector female plug, straight

### Marking

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





Labeling a male connector 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!

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