

**Data sheet | Item number: 769-605**

1-conductor male connector; CAGE CLAMP®; 4 mm<sup>2</sup>; Pin spacing 5 mm; 5-pole; 4,00 mm<sup>2</sup>; gray

[www.wago.com/769-605](http://www.wago.com/769-605)



**Data**

**Electrical data**

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

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## 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          | 5 |
| Total number of potentials | 5 |

## Connection 1

|                                 |  |
|---------------------------------|--|
| Connection technology           | CAGE CLAMP®                                |
| Actuation type                  | Operating tool                             |
| Connectable conductor materials | Copper                                     |
| Nominal cross-section           | 4 mm <sup>2</sup> / 12 AWG                 |
| Solid conductor                 | 0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor         | 0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches          |
| Pole number                     | 5  |
| Wiring direction                | Front-entry wiring                         |

## Physical data

|             |                        |
|-------------|------------------------|
| Pin spacing | 5 mm / 0.197 inches    |
| Width       | 28.6 mm / 1.126 inches |
| Height      | 18.3 mm / 0.72 inches  |
| Depth       | 40.2 mm / 1.583 inches |

## Mechanical Data

|  |              |
|--|--------------|
| Variable coding  | Yes          |
| Direct ground contact to DIN-rail/drilled hole/housing | No           |
| Mounting type  | Flying leads |
| Anti-rotation protection                               | Yes          |

## Plug-in connection

|                                    |                     |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
|------------------------------------|---------------------|

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



|                                      |               |
|--------------------------------------|---------------|
| 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  |
| Insulation material         | Polyamide (PA66)   |
| Flammability class per UL94 | V0   |
| Fire load                   | 0.352 MJ   |
| Weight                      | 15.1 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)              | 50 pcs            |
| Packaging type        | box               |
| Country of origin     | PL                |
| GTIN                  | 4044918521031     |
| Customs tariff number | 85366930000       |

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

Certificate

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



| Logo | Approval                                     | Additional Approval Text | name        |
|------|--|--------------------------|-------------|
|      | <b>CCA</b><br>DEKRA Certification B.V.       | EN 60947                 | NTR NL-7626 |
|      | <b>CCA</b><br>DEKRA Certification B.V.       | IEC 61984                | NL-47799/A1 |
|      | <b>CCA</b><br>DEKRA Certification B.V.       | EN 61984                 | 2190419.02  |
|      | <b>CSA</b><br>CSA Group                      | C22.2                    | 1101144     |
|      | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | EN 60947                 | 2190419.01  |
|      | <b>UL</b><br>Underwriters Laboratories Inc.  | UL 1977                  | E 45171     |
|      | <b>UR</b><br>Underwriters Laboratories Inc.  | UL 1059                  | E45172      |

#### Declarations of conformity and manufacturer's declarations

| Logo | Approval  | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
|      | <b>EU-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |
|      | <b>UK-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |

#### Approvals for marine applications

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

#### Optional accessories

##### Coding

| 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> |

##### Tool

| Operating tool   |  |  |
|--|--|--|
| <b>Item no.: 210-490</b><br>Operating tool   |  | <a href="http://www.wago.com/210-490">www.wago.com/210-490</a> |
| <b>Item no.: 769-434</b><br>Operating tool; made of insulating material; 1-way; loose; white |  | <a href="http://www.wago.com/769-434">www.wago.com/769-434</a> |

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



### Marking accessories

| Marking strip            |   |  |
|--------------------------|---|--|
| <b>Item no.: 210-831</b> | 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> | 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> | 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> | 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> | 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> |

### Protective warning marker

| Cover                    |   |  |
|--------------------------|---|--|
| <b>Item no.: 280-415</b> | Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow | <a href="http://www.wago.com/280-415">www.wago.com/280-415</a> |

### Insulation stop

| Insulation stop          |  |  |
|--------------------------|--|--|
| <b>Item no.: 769-470</b> | 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> | 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> | 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> |

### Strain relief

| Strain relief             |   |  |
|---------------------------|---|--|
| <b>Item no.: 769-1605</b> | Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 5-pole; gray    | <a href="http://www.wago.com/769-1605">www.wago.com/769-1605</a> |
| <b>Item no.: 769-412</b>  | Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 4- to 5-pole; gray | <a href="http://www.wago.com/769-412">www.wago.com/769-412</a>   |

### Ferrule

| Ferrule                  |   |  |
|--------------------------|---|--|
| <b>Item no.: 216-101</b> | Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored | <a href="http://www.wago.com/216-101">www.wago.com/216-101</a> |
| <b>Item no.: 216-104</b> | Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated; silver-colored | <a href="http://www.wago.com/216-104">www.wago.com/216-104</a> |
| <b>Item no.: 216-102</b> |   |  |

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Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 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 mm<sup>2</sup> / 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 mm<sup>2</sup> / 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 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; blue[www.wago.com/216-206](http://www.wago.com/216-206)**Item no.: 216-202**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray[www.wago.com/216-202](http://www.wago.com/216-202)**Item no.: 216-204**Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black[www.wago.com/216-204](http://www.wago.com/216-204)**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white[www.wago.com/216-201](http://www.wago.com/216-201)**Downloads****Documentation****Bid Text**

|                        |             |                |          |
|------------------------|-------------|----------------|----------|
| 769-605<br>X81 - Datei | 2019 年2月19日 | xml<br>3.2 kB  | Download |
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 769-605

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## Installation Notes

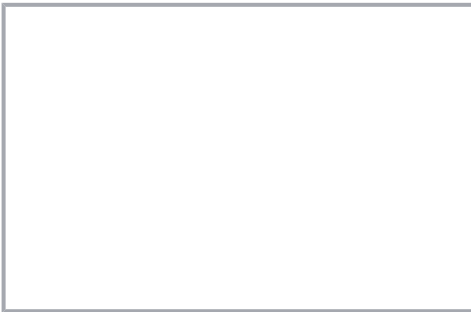
### Conductor termination



### Operating tool

Inserting a conductor via operating tool  
(example shows a male connector).

### Application



Male connector with CAGE CLAMP®  
connection

1-connector female plug, straight

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

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### Marking



Labeling a male connector with CAGE CLAMP® connection via Mini-WSB Quick Markers.

### Product family

**X-COM**

[Show all products from the family](#)

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