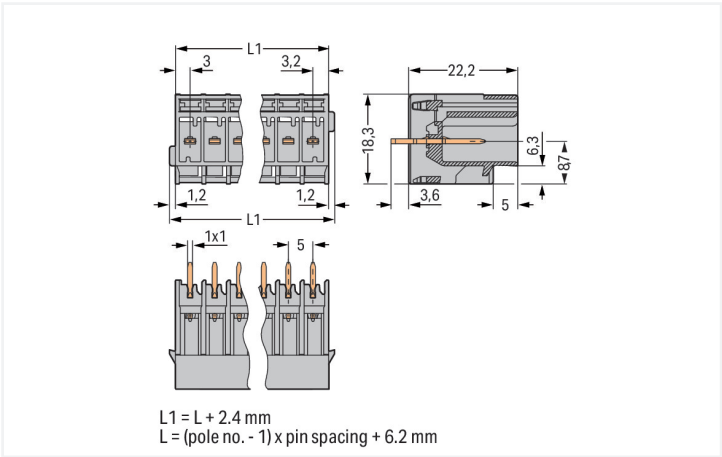


**Data Sheet | Item Number: 769-632/000-036**  
THT male header; 1.0 x 1.0 mm solder pin; straight; Preceding ground contact; Pin spacing 5 mm; 2-pole; green-yellow, gray  
<https://www.wago.com/769-632/000-036>



Color: ■ gr-ye/gray      Similar to illustration      Dimensions in mm

Male connector, 769 Series, with 5 mm pin spacing  
This male connector (item number 769-632/000-036) simplifies electrical installations.

THT is used to solder the pcb connector.

**Electrical data**

| Ratings per IEC/EN                        |                                                           |
|-------------------------------------------|-----------------------------------------------------------|
| Nominal voltage (III/3)                   | 250 V                                                     |
| Rated impulse withstand voltage (III / 3) | 4 kV                                                      |
| Rated voltage (III/2)                     | 500 V                                                     |
| Rated impulse withstand voltage (III/2)   | 4 kV                                                      |
| Rated current                             | 32 A                                                      |
| Legend (ratings)                          | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

**Connection Data**

|                            |     |                     |   |
|----------------------------|-----|---------------------|---|
| Total number of potentials | 2   | <b>Connection 1</b> |   |
| Number of levels           | 1   | Pole number         | 2 |
| Preceding contacts         | Yes |                     |   |

**Physical data**

|                         |                        |
|-------------------------|------------------------|
| Pin spacing             | 5 mm / 0.197 inches    |
| Width                   | 13.6 mm / 0.535 inches |
| Height from the surface | 22.2 mm / 0.874 inches |
| Depth                   | 18.3 mm / 0.72 inches  |

**Mechanical data**

|                          |     |
|--------------------------|-----|
| Variable coding          | Yes |
| Mounting type            | PCB |
| Anti-rotation protection | Yes |

**Plug-in connection**

|                                    |                     |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type)        | for PCB             |
| Mismating protection               | No                  |
| Mating direction to the PCB        | 90 °                |

**PCB contact**

|             |     |
|-------------|-----|
| PCB contact | THT |
|-------------|-----|

**Material data**

|                                    |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | gr-ye/gray                                                               |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Fire load                          | 0.054 MJ                                                                 |
| Weight                             | 2.5 g                                                                    |

**Environmental requirements**

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

**Commercial data**

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 200 pcs       |
| Packaging type        | Box           |
| Country of origin     | PL            |
| GTIN                  | 4055143296441 |
| Customs tariff number | 85366930000   |



| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121409             |
| eCl@ss 10.0            | 27-44-04-02          |
| eCl@ss 9.0             | 27-44-04-02          |
| ETIM 9.0               | EC002637             |
| ETIM 10.0              | EC002637             |
| ECCN                   | NO US CLASSIFICATION |

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

| Approvals / Certificates                                                         |          |                  |                                                                                   |          |                  |
|----------------------------------------------------------------------------------|----------|------------------|-----------------------------------------------------------------------------------|----------|------------------|
| General approvals                                                                |          |                  | Declarations of conformity and manufacturer's declarations                        |          |                  |
|  |          |                  |  |          |                  |
| Approval                                                                         | Standard | Certificate Name | Approval                                                                          | Standard | Certificate Name |
| CSA<br>CSA Group                                                                 | C22.2    | 1101144          | Railway<br>WAGO GmbH & Co. KG                                                     | -        | Z00004428.000    |
| UL<br>Underwriters Laboratories Inc.                                             | UL 1059  | E45172           |                                                                                   |          |                  |
| UL<br>Underwriters Laboratories Inc.                                             | UL 1977  | E 45171          |                                                                                   |          |                  |

| Downloads                                           |                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| Environmental Product Compliance                    |                                                                                     |
| Compliance Search                                   |                                                                                     |
| Environmental Product Compliance<br>769-632/000-036 |  |

| CAD/CAE-Data                    |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
| CAD data                        |                                                                                     |
| 2D/3D Models<br>769-632/000-036 |  |



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



**Item No.: 769-102**  
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; coding finger; 4,00 mm²; gray



**Item No.: 769-102/021-000**  
1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; coding finger; Lateral locking levers; 4,00 mm²; gray



**Item No.: 769-122**  
2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; coding finger; 4,00 mm²; gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



**Item No.: 769-435**  
Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange

1.2.2 Marking

1.2.2.1 Marking strip



**Item No.: 210-833**  
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white



**Item No.: 210-831**  
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



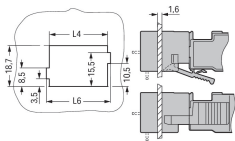
**Item No.: 210-832**  
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white



**Item No.: 210-834**  
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

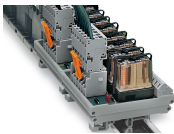
Installation Notes

Installation

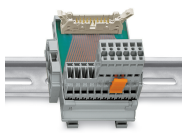


Cutout  
Male headers with solder pins

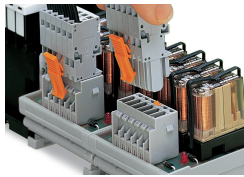
Application



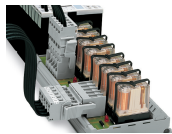
Male headers with straight solder pins and 1-conductor female plugs (picture shows a relay module)



Male headers with solder pins for printed circuit boards



Pluggable PCB connection  
Connection to a relay module inside the switchgear cabinet



Male headers with solder pins  
Integrating PCB components into the system wiring.

