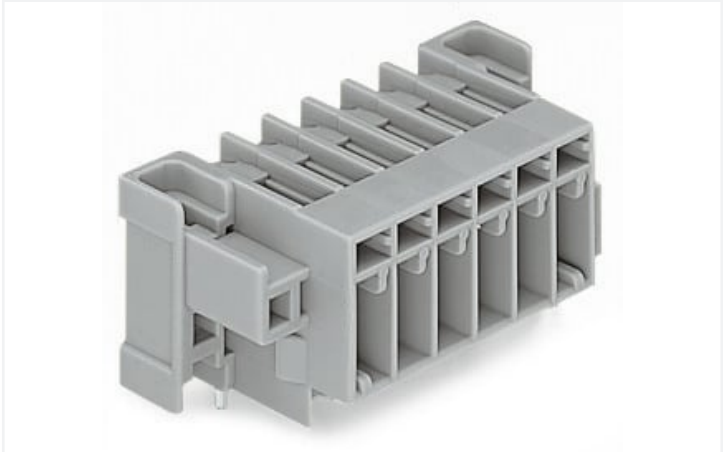
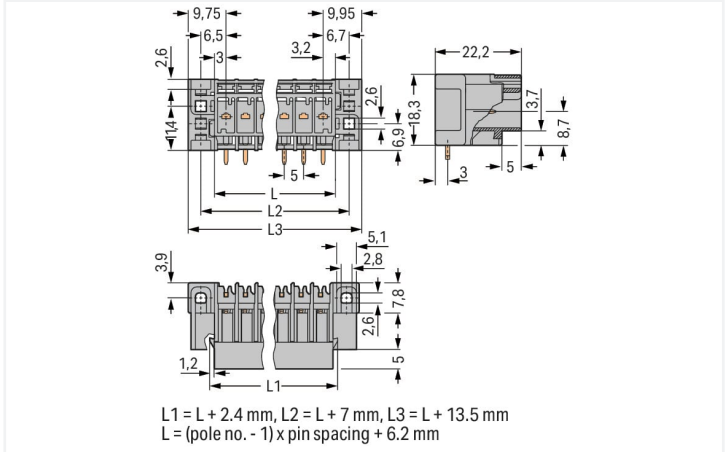




Color: ■ gray

Similar to illustration



Dimensions in mm

Electrical data

| Ratings per IEC/EN            |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Nominal voltage (III/3)       | 250 V                                                     |
| Rated impulse voltage (III/3) | 4 kV                                                      |
| Rated voltage (III/2)         | 500 V                                                     |
| Rated impulse 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 | 11 |
| Number of levels           | 1  |
| Preceding contacts         | No |

| Connection 1 |    |
|--------------|----|
| Pole number  | 11 |

Physical data

|                         |                        |
|-------------------------|------------------------|
| Pin spacing             | 5 mm / 0.197 inches    |
| Width                   | 69.7 mm / 2.744 inches |
| Height from the surface | 18.3 mm / 0.72 inches  |
| Depth                   | 22.2 mm / 0.874 inches |

### Mechanical data

|                          |                    |
|--------------------------|--------------------|
| Variable coding          | Yes                |
| Mounting type            | Feedthrough flange |
| 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        | 0°                  |

### PCB contact

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

### Material data

|                             |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Note (material data)        | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                       | gray                                                                                                                   |
| Material group              | I                                                                                                                      |
| Insulation material         | Polyamide (PA66)                                                                                                       |
| Flammability class per UL94 | V0                                                                                                                     |
| Fire load                   | 0.369 MJ                                                                                                               |
| Weight                      | 13 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           | 27-44-04-02       |
| eCl@ss 9.0            | 27-44-04-02       |
| ETIM 8.0              | EC002637          |
| ETIM 7.0              | EC002637          |
| PU (SPU)              | 25 pcs            |
| Packaging type        | Box               |
| Country of origin     | PL                |
| GTIN                  | 4017332412889     |
| Customs tariff number | 85366930000       |

### Environmental Product Compliance

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



Approvals / Certificates

General approvals



| Approval                              | Standard  | 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      |
| CSA<br>CSA Group                      | C22.2     | 1101144          |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947  | 2190419.01       |
| UL<br>Underwriters Laboratories Inc.  | UL 1977   | E 45171          |
| UR<br>Underwriters Laboratories Inc.  | UL 1059   | E45172           |

Declarations of conformity and manufacturer's declarations

| Approval                                                | Standard | Certificate Name |
|---------------------------------------------------------|----------|------------------|
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                |
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                |

Approvals for marine applications



| Approval                                              | Standard | Certificate Name |
|-------------------------------------------------------|----------|------------------|
| DNV GL<br>Det Norske Veritas, Ger-<br>manischer Lloyd | -        | TAE00001V2       |

Downloads

Environmental Product Compliance

| Compliance Search                                      |
|--------------------------------------------------------|
| Environmental Product<br>Compliance<br>769-671/004-000 |



Documentation

| Additional Information |
|------------------------|
| Technical Section      |

pdf  
2240.62 KB



| Bid Text        |            |                 |                   |
|-----------------|------------|-----------------|-------------------|
| 769-671/004-000 | 19.02.2019 | xml<br>3.02 KB  | <a href="#">↓</a> |
| 769-671/004-000 | 04.10.2017 | doc<br>25.00 KB | <a href="#">↓</a> |





| CAD/CAE-Data                    |                                 |
|---------------------------------|---------------------------------|
| CAD data                        | CAE data                        |
| 2D/3D Models<br>769-671/004-000 | ZUKEN Portal<br>769-671/004-000 |

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



|                                                                                                                                        |                                                                                                                                                                        |                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item No.: 769-111</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 11-pole; coding finger; 4,00 mm²; gray | <b>Item No.: 769-111/021-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 11-pole; coding finger; Lateral locking levers; 4,00 mm²; gray | <b>Item No.: 769-131</b><br>2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 11-pole; coding finger; 4,00 mm²; gray |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



|                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------|
| <b>Item No.: 769-435</b><br>Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange |
|---------------------------------------------------------------------------------------------------------------------------|

1.2.2 Marking

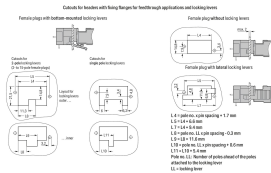
1.2.2.1 Marking strip



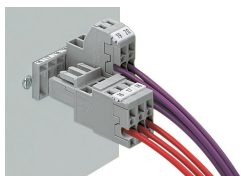
|                                                                                                  |                                                                                               |                                                                                             |                                                                                             |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Item No.: 210-833</b><br>Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white | <b>Item No.: 210-831</b><br>Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white | <b>Item No.: 210-832</b><br>Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white | <b>Item No.: 210-834</b><br>Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|

Installation Notes

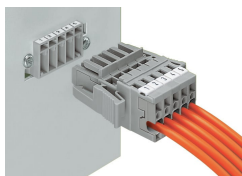
Installation



## Application



Header with straight or right angle solder pins and mounting flanges  
1-conductor female plug, straight  
2-conductor female plug



Male header and 1-conductor female plug with lateral locking levers