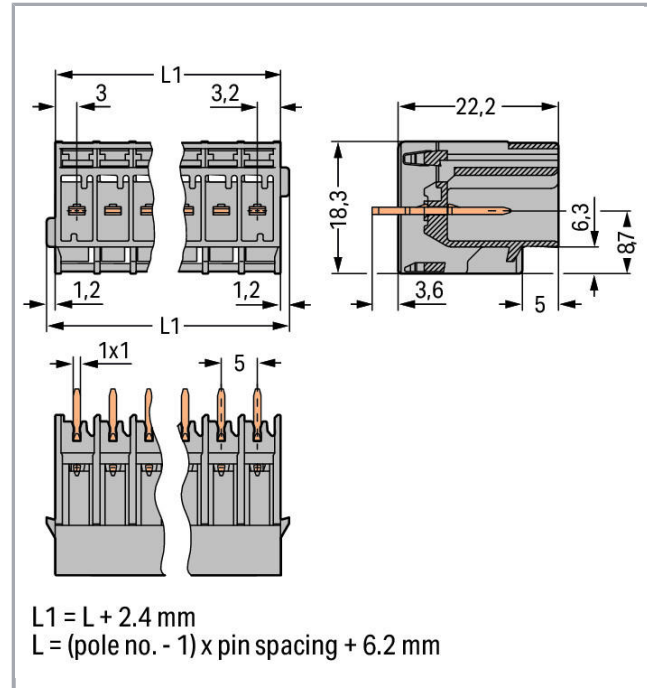
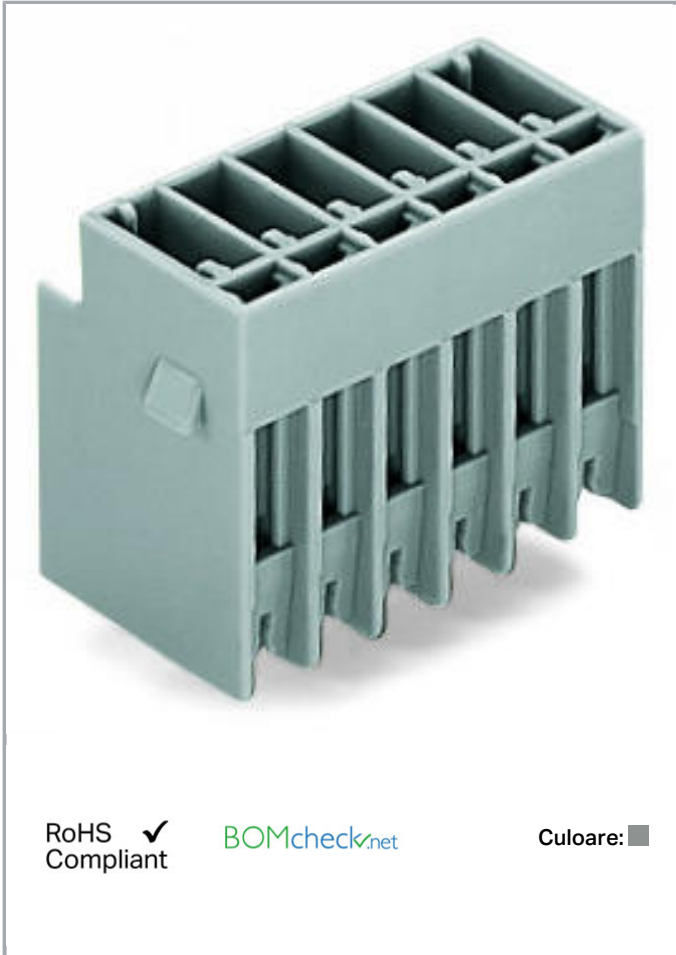


## Fișă tehnică | Număr articol: 769-633

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole; gray

[www.wago.com/769-633](http://www.wago.com/769-633)



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Culoare: ■

### Date

#### Electrical data

#### Ratings per IEC/EN 60664-1

Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	500 V
Rated surge voltage (III/2)	4 kV
Rated current	32 A

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building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: [info-RO@wago.com](mailto:info-RO@wago.com)

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Legend (ratings)

(III / 3) ≙ Overvoltage category III / Pollution degree 3

### Connection data

Pole No.	3
Total number of potentials	3
Number of levels	1

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	18.6 mm / 0.732 inch
Height from the surface	22.2 mm / 0.874 inch
Depth	18.3 mm / 0.72 inch

### Plug connection

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

### PCB contact

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

### Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,075 MJ
Weight	3,4 g

### Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	DE
GTIN	4044918270595
Customs tariff number	85366990990





### Aprobări / certificate

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## Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	NTR NL-7626
	<b>CCA</b> DEKRA Certification B.V.	EN 61984	2190419.02
	<b>CSA</b> DEKRA Certification B.V.	C22.2 No. 158	1101144
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 60947	2190419.01

## Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

## UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>UR</b> Underwriters Laboratories Inc.	UL 1977	20151210-E45171
	<b>UR</b> Underwriters Laboratories Inc.	UL 1059	20190731-E45172

## Counterpart

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## Produse compatibile

### Coding



**Nr. articol: 769-435**

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange

[www.wago.com/769-435](http://www.wago.com/769-435)

### Marking accessories



**Nr. articol: 210-831**

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

[www.wago.com/210-831](http://www.wago.com/210-831)



**Nr. articol: 210-832**

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

[www.wago.com/210-832](http://www.wago.com/210-832)



**Nr. articol: 210-833**

Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white

[www.wago.com/210-833](http://www.wago.com/210-833)



**Nr. articol: 210-834**

Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

[www.wago.com/210-834](http://www.wago.com/210-834)

### Female plug



**Nr. articol: 769-101**

1-conductor female plug; 4 mm<sup>2</sup>; 1-pole; 4,00 mm<sup>2</sup>; gray

[www.wago.com/769-101](http://www.wago.com/769-101)



**Nr. articol: 769-102**

1-conductor female plug; 4 mm<sup>2</sup>; 2-pole; 4,00 mm<sup>2</sup>; gray

[www.wago.com/769-102](http://www.wago.com/769-102)



**Nr. articol: 769-102/000-036**

1-conductor female plug; 4 mm<sup>2</sup>; 2-pole; 4,00 mm<sup>2</sup>; gray, green-yellow

[www.wago.com/769-102/000-036](http://www.wago.com/769-102/000-036)



**Nr. articol: 769-102/000-037**

1-conductor female plug; 4 mm<sup>2</sup>; 2-pole; 4,00 mm<sup>2</sup>; green-yellow, gray

[www.wago.com/769-102/000-037](http://www.wago.com/769-102/000-037)



**Nr. articol: 769-103**

1-conductor female plug; 4 mm<sup>2</sup>; 3-pole; 4,00 mm<sup>2</sup>; gray

[www.wago.com/769-103](http://www.wago.com/769-103)



**Nr. articol: 769-103/000-036**

1-conductor female plug; 4 mm<sup>2</sup>; 3-pole; 4,00 mm<sup>2</sup>; gray, green-yellow

[www.wago.com/769-103/000-036](http://www.wago.com/769-103/000-036)



**Nr. articol: 769-103/000-037**

1-conductor female plug; 4 mm<sup>2</sup>; 3-pole; 4,00 mm<sup>2</sup>; green-yellow, gray

[www.wago.com/769-103/000-037](http://www.wago.com/769-103/000-037)



**Nr. articol: 769-103/000-038**

1-conductor female plug; 4 mm<sup>2</sup>; 3-pole; 4,00 mm<sup>2</sup>; gray, blue, green-yellow

[www.wago.com/769-103/000-038](http://www.wago.com/769-103/000-038)

Supus modificărilor.

**Nr. articol: 769-103/000-039**1-conductor female plug; 4 mm<sup>2</sup>; 3-pole; 4,00 mm<sup>2</sup>; green-yellow, blue, gray[www.wago.com/769-103/000-039](http://www.wago.com/769-103/000-039)**Nr. articol: 769-103/021-000**1-conductor female plug; Locking lever; 4 mm<sup>2</sup>; 3-pole; 4,00 mm<sup>2</sup>; gray[www.wago.com/769-103/021-000](http://www.wago.com/769-103/021-000)**Nr. articol: 769-121**2-conductor female connector; 4 mm<sup>2</sup>; 1-pole; 4,00 mm<sup>2</sup>; gray[www.wago.com/769-121](http://www.wago.com/769-121)**Nr. articol: 769-122**2-conductor female connector; 4 mm<sup>2</sup>; 2-pole; 4,00 mm<sup>2</sup>; gray[www.wago.com/769-122](http://www.wago.com/769-122)**Nr. articol: 769-123**2-conductor female connector; 4 mm<sup>2</sup>; 3-pole; 4,00 mm<sup>2</sup>; gray[www.wago.com/769-123](http://www.wago.com/769-123)

## Descărcări

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

pdf  
2,1 MB

Descărcare

### CAD/CAE-Data

#### CAD data

2D/3D Models 769-633

URL

Descărcare

#### PCB Design

Symbol and Footprint 769-633

URL

Descărcare

CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

#### Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation

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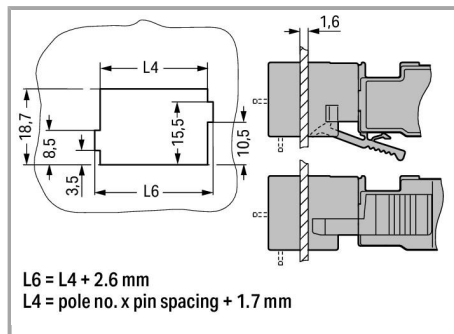
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

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## Installation Notes

### Assembly

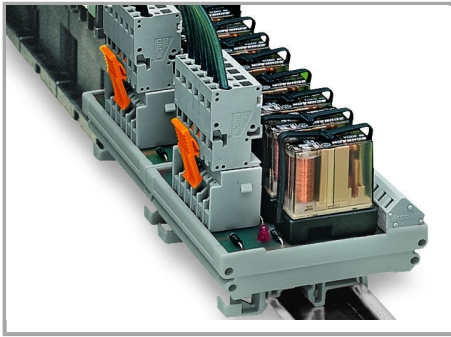


### Cutout

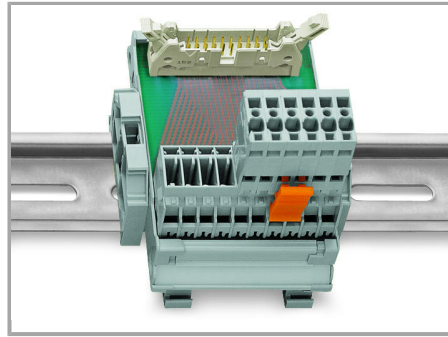
Male headers with solder pins

### Application

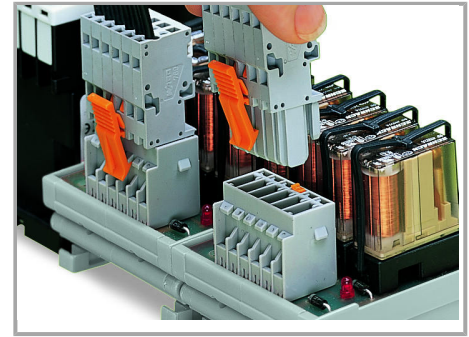
Supus modificărilor.



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

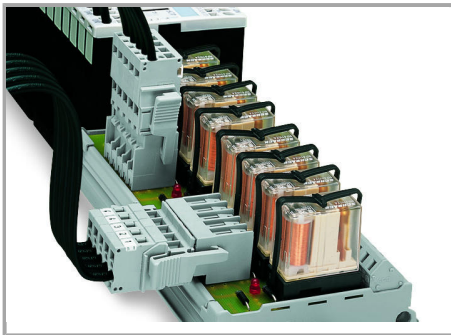


Male headers with solder pins for printed circuit boards



Pluggable PCB connection

Connection to a relay module inside the switchgear cabinet



Male headers with solder pins:

Integrating PCB components into the system wiring.

## Familie de produse

### X-COM

Afișare globală produse din familie.

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