

Data sheet | Item number: 769-643/003-000

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 13-pole; gray

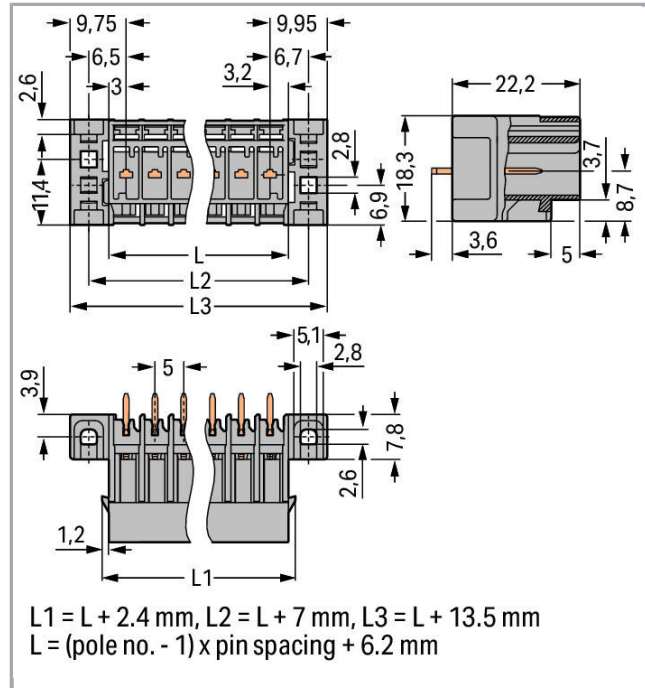
www.wago.com/769-643/003-000



RoHS Compliant

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

Color: ■



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated 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) \triangleq Overvoltage category III / Pollution degree 3

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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Connection data

No. of poles	13
Total number of potentials	13
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	79,7 mm / 3.138 inch
Height from the surface	22,2 mm / 0.874 inch
Depth	18,3 mm / 0.72 inch

Mechanical data

Mounting type	Mounting flange
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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
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Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.299 MJ
Weight	13.8 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	PL
GTIN	4017332412971





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

Customs Tariff No.


85366990990

Approvals / Certificates



Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799/A1
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

Ship Approvals

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

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	20190731-E45172
	UR Underwriters Laboratories Inc.	UL 1977	20151210-E45171

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Counterpart



Item no.769-113

1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; gray

www.wago.com/769-113



Item no.769-113/021-000

1-conductor female plug; Locking lever; 4 mm²; 13-pole; 4,00 mm²; gray

www.wago.com/769-113/021-000



Item no.769-133

2-conductor female connector; 4 mm²; 13-pole; 4,00 mm²; gray

www.wago.com/769-133

Compatible products

Marking accessories

Item no.: 210-831

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

www.wago.com/210-831

Item no.: 210-832

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

www.wago.com/210-832

Item no.: 210-833

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

www.wago.com/210-833

Item no.: 210-834

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

www.wago.com/210-834

Female plug

Item no.: 769-101

1-conductor female plug; 4 mm²; 1-pole; 4,00 mm²; gray

www.wago.com/769-101

Item no.: 769-102

1-conductor female plug; 4 mm²; 2-pole; 4,00 mm²; gray

www.wago.com/769-102

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Item no.: 769-102/000-036

1-conductor female plug; 4 mm²; 2-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-102/000-036

Item no.: 769-102/000-037

1-conductor female plug; 4 mm²; 2-pole; 4,00 mm²; green-yellow, gray

www.wago.com/769-102/000-037

Item no.: 769-103

1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; gray

www.wago.com/769-103

Item no.: 769-103/000-036

1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-103/000-036

Item no.: 769-103/000-037

1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; green-yellow, gray

www.wago.com/769-103/000-037

Item no.: 769-103/000-038

1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-103/000-038

Item no.: 769-103/000-039

1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-103/000-039

Item no.: 769-104

1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; gray

www.wago.com/769-104

Item no.: 769-104/000-036

1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-104/000-036

Item no.: 769-104/000-037

1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; green-yellow, gray

www.wago.com/769-104/000-037

Item no.: 769-104/000-038

1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-104/000-038

Item no.: 769-104/000-039

1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-104/000-039

Item no.: 769-105

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; gray

www.wago.com/769-105

Item no.: 769-105/000-036

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-105/000-036

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	Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-105/000-037
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-105/000-038
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-105/000-039
	Item no.: 769-106 1-conductor female plug; 4 mm ² ; 6-pole; 4,00 mm ² ; gray	www.wago.com/769-106
	Item no.: 769-106/000-006 1-conductor female plug; 4 mm ² ; 6-pole; 4,00 mm ² ; blue	www.wago.com/769-106/000-006
	Item no.: 769-106/000-036 1-conductor female plug; 4 mm ² ; 6-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-106/000-036
	Item no.: 769-106/000-037 1-conductor female plug; 4 mm ² ; 6-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-106/000-037
	Item no.: 769-106/000-038 1-conductor female plug; 4 mm ² ; 6-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-106/000-038
	Item no.: 769-106/000-039 1-conductor female plug; 4 mm ² ; 6-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-106/000-039
	Item no.: 769-107 1-conductor female plug; 4 mm ² ; 7-pole; 4,00 mm ² ; gray	www.wago.com/769-107
	Item no.: 769-107/000-036 1-conductor female plug; 4 mm ² ; 7-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-107/000-036
	Item no.: 769-107/000-037 1-conductor female plug; 4 mm ² ; 7-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-107/000-037
	Item no.: 769-107/000-038 1-conductor female plug; 4 mm ² ; 7-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-107/000-038
	Item no.: 769-107/000-039 1-conductor female plug; 4 mm ² ; 7-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-107/000-039

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	Item no.: 769-108 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; gray	www.wago.com/769-108
	Item no.: 769-108/000-036 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-108/000-036
	Item no.: 769-108/000-037 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-108/000-037
	Item no.: 769-108/000-038 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-108/000-038
	Item no.: 769-108/000-039 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-108/000-039
	Item no.: 769-109 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray	www.wago.com/769-109
	Item no.: 769-109/000-036 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-109/000-036
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-109/000-037
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-109/000-038
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; green-yellow, blue, gray	www.wago.com/769-109/000-039
	Item no.: 769-110 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; gray	www.wago.com/769-110
	Item no.: 769-110/000-036 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; gray, green-yellow	www.wago.com/769-110/000-036
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; green-yellow, gray	www.wago.com/769-110/000-037
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; gray, blue, green-yellow	www.wago.com/769-110/000-038

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Item no.: 769-110/000-039

1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-110/000-039



Item no.: 769-111

1-conductor female plug; 4 mm²; 11-pole; 4,00 mm²; gray

www.wago.com/769-111



Item no.: 769-111/000-036

1-conductor female plug; 4 mm²; 11-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-111/000-036



Item no.: 769-111/000-037

1-conductor female plug; 4 mm²; 11-pole; 4,00 mm²; green-yellow, gray

www.wago.com/769-111/000-037



Item no.: 769-111/000-038

1-conductor female plug; 4 mm²; 11-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-111/000-038



Item no.: 769-111/000-039

1-conductor female plug; 4 mm²; 11-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-111/000-039



Item no.: 769-112

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; gray

www.wago.com/769-112



Item no.: 769-112/000-036

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-112/000-036



Item no.: 769-112/000-037

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; green-yellow, gray

www.wago.com/769-112/000-037



Item no.: 769-112/000-038

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-112/000-038



Item no.: 769-112/000-039

1-conductor female plug; 4 mm²; 12-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-112/000-039



Item no.: 769-113/000-036

1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-113/000-036



Item no.: 769-113/000-037

1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; green-yellow, gray

www.wago.com/769-113/000-037



Item no.: 769-113/000-038

1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-113/000-038

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WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27














32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

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	<p>Item no.: 769-113/000-039 1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; green-yellow, blue, gray</p>	www.wago.com/769-113/000-039
	<p>Item no.: 769-121 2-conductor female connector; 4 mm²; 1-pole; 4,00 mm²; gray</p>	www.wago.com/769-121
	<p>Item no.: 769-122 2-conductor female connector; 4 mm²; 2-pole; 4,00 mm²; gray</p>	www.wago.com/769-122
	<p>Item no.: 769-123 2-conductor female connector; 4 mm²; 3-pole; 4,00 mm²; gray</p>	www.wago.com/769-123
	<p>Item no.: 769-124 2-conductor female connector; 4 mm²; 4-pole; 4,00 mm²; gray</p>	www.wago.com/769-124
	<p>Item no.: 769-125 2-conductor female connector; 4 mm²; 5-pole; 4,00 mm²; gray</p>	www.wago.com/769-125
	<p>Item no.: 769-126 2-conductor female connector; 4 mm²; 6-pole; 4,00 mm²; gray</p>	www.wago.com/769-126
	<p>Item no.: 769-127 2-conductor female connector; 4 mm²; 7-pole; 4,00 mm²; gray</p>	www.wago.com/769-127
	<p>Item no.: 769-128 2-conductor female connector; 4 mm²; 8-pole; 4,00 mm²; gray</p>	www.wago.com/769-128
	<p>Item no.: 769-129 2-conductor female connector; 4 mm²; 9-pole; 4,00 mm²; gray</p>	www.wago.com/769-129
	<p>Item no.: 769-130 2-conductor female connector; 4 mm²; 10-pole; 4,00 mm²; gray</p>	www.wago.com/769-130
	<p>Item no.: 769-131 2-conductor female connector; 4 mm²; 11-pole; 4,00 mm²; gray</p>	www.wago.com/769-131
	<p>Item no.: 769-132 2-conductor female connector; 4 mm²; 12-pole; 4,00 mm²; gray</p>	www.wago.com/769-132
Coding		
	<p>Item no.: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange</p>	www.wago.com/769-435

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 769-643/003-000	URL	Download
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PCB Design

Symbol and Footprint 769-643/003-000	URL	Download
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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
- 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

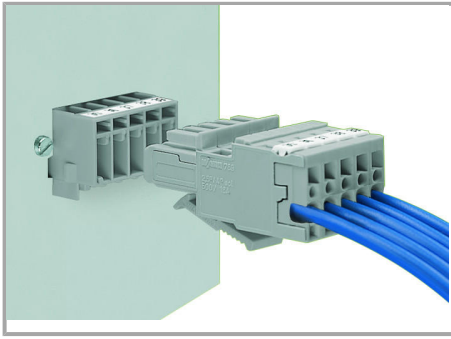
Installation Notes

Application

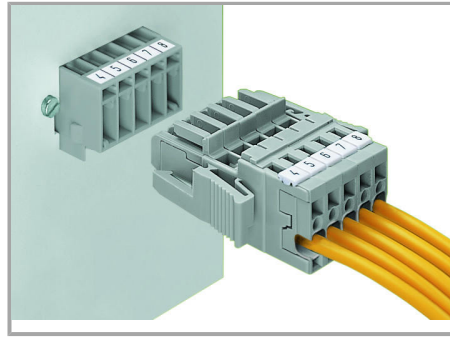
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Male header with mounting flanges



Male header with mounting flanges

1-conductor female plug with bottom-mount locking levers

1-conductor female plug with lateral locking levers

Product family

X-COM

[Learn more about the product family.](#)

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