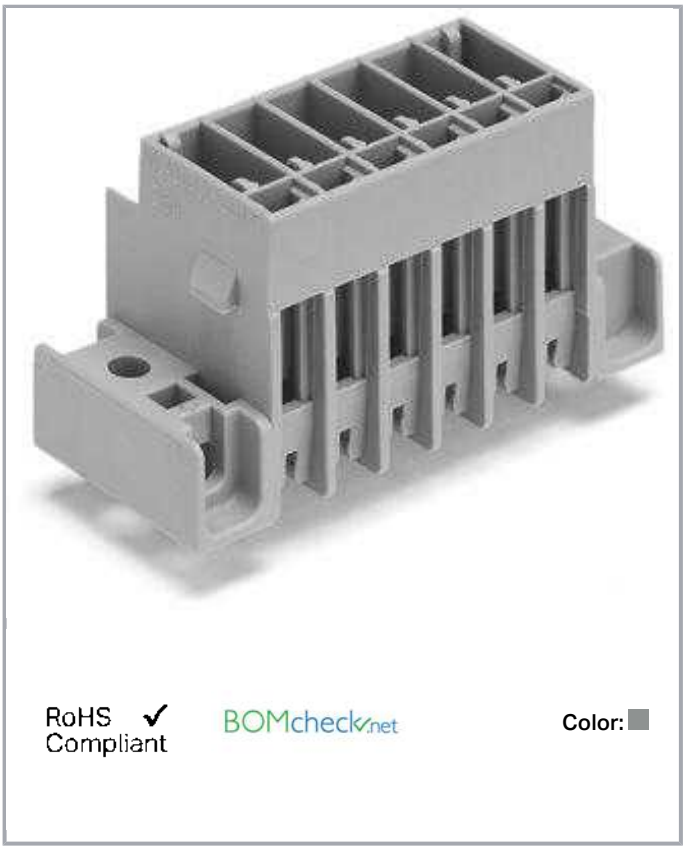
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 11-pole; gray

www.wago.com/769-641_007-000



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) ≙ 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
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Connection data

No. of poles	11
Total number of potentials	11
Number of levels	1

Geometrical Data

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

Mechanical data

Mounting type	Mounting flange

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
Insulating material	Polyamide 66 (PA 66)
Fire load	0.267 MJ
Weight	12.2 g

Commercial data

Packaging type	BOX
Country of origin	PL
GTIN	4050821477099
Customs Tariff No.	85366990990

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Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144

UL-Approvals

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

Counterpart

Item no.769-111
1-conductor female plug; 4 mm²; 11-pole; 4,00 mm²; gray

www.wago.com/769-111

Item no.769-111/021-000
1-conductor female plug; Locking lever; 4 mm²; 11-pole; 4,00 mm²; gray

www.wago.com/769-111/021-000

Item no.769-131
2-conductor female connector; 4 mm²; 11-pole; 4,00 mm²; gray

www.wago.com/769-131

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Compatible products

Coding

	Item no.: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange	www.wago.com/769-435

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
	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

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	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
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; green-yellow, gray	www.wago.com/769-105/000-037
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; gray, blue, green-yellow	www.wago.com/769-105/000-038
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; green-yellow, blue, gray	www.wago.com/769-105/000-039
	Item no.: 769-106 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray	www.wago.com/769-106
	Item no.: 769-106/000-006 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; blue	www.wago.com/769-106/000-006
	Item no.: 769-106/000-036 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, green-yellow	www.wago.com/769-106/000-036
	Item no.: 769-106/000-037 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, gray	www.wago.com/769-106/000-037
	Item no.: 769-106/000-038 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, blue, green-yellow	www.wago.com/769-106/000-038
	Item no.: 769-106/000-039 1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, blue, gray	www.wago.com/769-106/000-039
	Item no.: 769-107 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray	www.wago.com/769-107

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	Item no.: 769-107/000-036 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, green-yellow	www.wago.com/769-107/000-036
	Item no.: 769-107/000-037 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, gray	www.wago.com/769-107/000-037
	Item no.: 769-107/000-038 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, blue, green-yellow	www.wago.com/769-107/000-038
	Item no.: 769-107/000-039 1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, blue, gray	www.wago.com/769-107/000-039
	Item no.: 769-108 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray	www.wago.com/769-108
	Item no.: 769-108/000-036 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, green-yellow	www.wago.com/769-108/000-036
	Item no.: 769-108/000-037 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; green-yellow, gray	www.wago.com/769-108/000-037
	Item no.: 769-108/000-038 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, blue, green-yellow	www.wago.com/769-108/000-038
	Item no.: 769-108/000-039 1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; green-yellow, blue, gray	www.wago.com/769-108/000-039
	Item no.: 769-109 1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; gray	www.wago.com/769-109
	Item no.: 769-109/000-036 1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; gray, green-yellow	www.wago.com/769-109/000-036
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; green-yellow, gray	www.wago.com/769-109/000-037
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; gray, blue, green-yellow	www.wago.com/769-109/000-038
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; green-yellow, blue, gray	www.wago.com/769-109/000-039

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	Item no.: 769-110 1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; gray	www.wago.com/769-110
	Item no.: 769-110/000-036 1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; gray, green-yellow	www.wago.com/769-110 /000-036
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; green-yellow, gray	www.wago.com/769-110 /000-037
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; gray, blue, green-yellow	www.wago.com/769-110 /000-038
	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.: 769-111/000-036 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.: 769-121 2-conductor female connector; 4 mm²; 1-pole; 4,00 mm²; gray	www.wago.com/769-121
	Item no.: 769-122 2-conductor female connector; 4 mm²; 2-pole; 4,00 mm²; gray	www.wago.com/769-122
	Item no.: 769-123 2-conductor female connector; 4 mm²; 3-pole; 4,00 mm²; gray	www.wago.com/769-123
	Item no.: 769-124 2-conductor female connector; 4 mm²; 4-pole; 4,00 mm²; gray	www.wago.com/769-124
	Item no.: 769-125 2-conductor female connector; 4 mm²; 5-pole; 4,00 mm²; gray	www.wago.com/769-125
	Item no.: 769-126 2-conductor female connector; 4 mm²; 6-pole; 4,00 mm²; gray	www.wago.com/769-126

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	Item no.: 769-127 2-conductor female connector; 4 mm²; 7-pole; 4,00 mm²; gray	www.wago.com/769-127
	Item no.: 769-128 2-conductor female connector; 4 mm²; 8-pole; 4,00 mm²; gray	www.wago.com/769-128
	Item no.: 769-129 2-conductor female connector; 4 mm²; 9-pole; 4,00 mm²; gray	www.wago.com/769-129
	Item no.: 769-130 2-conductor female connector; 4 mm²; 10-pole; 4,00 mm²; gray	www.wago.com/769-130

Downloads

Documentation

Bid Text

769-641/007-000 GAEB X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download
769-641/007-000 doc - Datei	Oct 4, 2017	doc 25.6 kB	Download

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download

CAD/CAE-Data

CAD data

2D/3D Models 769-641/007-000	URL	Download

PCB Design

Symbol and Footprint 769-641/007-000 CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.	URL	Download

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark

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- 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

Assembly

Mounting with 3 mm Ø blind rivets

Product family

X-COM
Show all products from the family

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