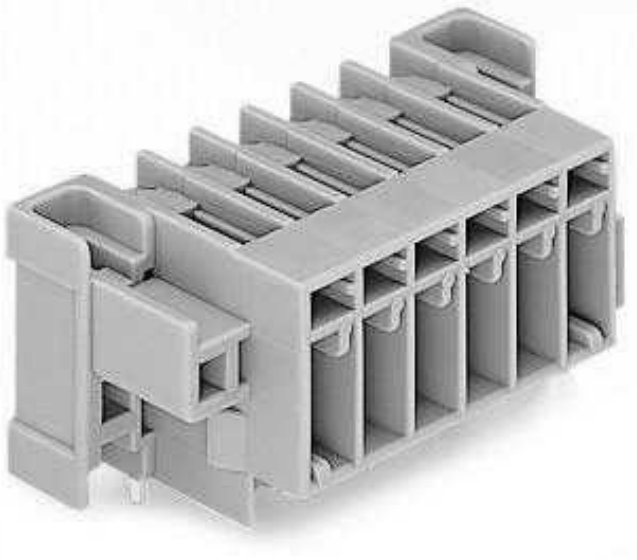
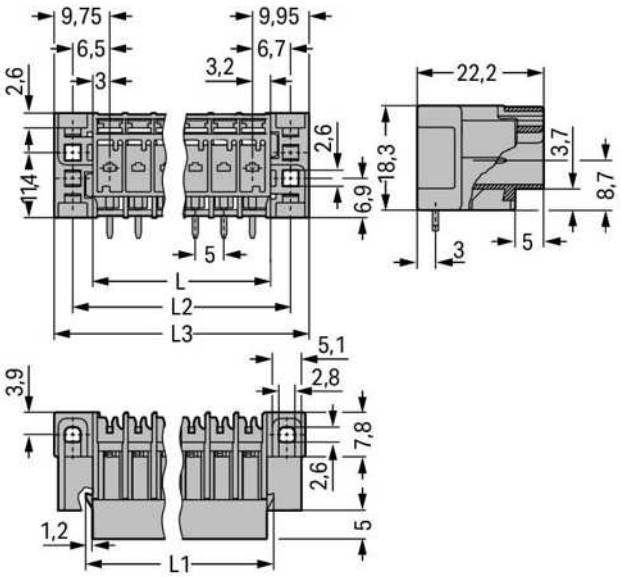
Data sheet | Item number: 769-675/004-000

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 15-pole; gray

www.wago.com/769-675_004-000



RoHS Compliant ✓ BOMcheck.net Color:



L1 = L + 2.4 mm, L2 = L + 7 mm, L3 = L + 13.5 mm
L = (pole no. - 1) x pin spacing + 6.2 mm

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
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32423 Minden
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Connection data

No. of poles	15
Total number of potentials	15
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	89.7 mm / 3.531 inch
Height from the surface	18.3 mm / 0.72 inch
Depth	22.2 mm / 0.874 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	0 °

PCB contact

PCB contact	THT

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.343 MJ
Weight	16.9 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	PL
GTIN	4017332412919

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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
	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 1977	20151210-E45171
	UR Underwriters Laboratories Inc.	UL 1059	20190731-E45172

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Counterpart

Item no.769-115
1-conductor female plug; 4 mm²; 15-pole; 4,00 mm²; gray

www.wago.com/769-115

Item no.769-115/021-000
1-conductor female plug; Locking lever; 4 mm²; 15-pole; 4,00 mm²; gray

www.wago.com/769-115/021-000

Item no.769-135
2-conductor female connector; 4 mm²; 15-pole; 4,00 mm²; gray

www.wago.com/769-135

Compatible products

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

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	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
	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

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	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
	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

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	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
	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 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

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	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 1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; gray	www.wago.com/769-113
	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
	Item no.: 769-113/000-039 1-conductor female plug; 4 mm²; 13-pole; 4,00 mm²; green-yellow, blue, gray	www.wago.com/769-113/000-039
	Item no.: 769-114 1-conductor female plug; 4 mm²; 14-pole; 4,00 mm²; gray	www.wago.com/769-114
	Item no.: 769-114/000-036 1-conductor female plug; 4 mm²; 14-pole; 4,00 mm²; gray, green-yellow	www.wago.com/769-114/000-036

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Hansastr. 27
32423 Minden
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	Item no.: 769-114/000-037 1-conductor female plug; 4 mm²; 14-pole; 4,00 mm²; green-yellow, gray	www.wago.com/769-114/000-037
	Item no.: 769-114/000-038 1-conductor female plug; 4 mm²; 14-pole; 4,00 mm²; gray, blue, green-yellow	www.wago.com/769-114/000-038
	Item no.: 769-114/000-039 1-conductor female plug; 4 mm²; 14-pole; 4,00 mm²; green-yellow, blue, gray	www.wago.com/769-114/000-039
	Item no.: 769-115/000-036 1-conductor female plug; 4 mm²; 15-pole; 4,00 mm²; gray, green-yellow	www.wago.com/769-115/000-036
	Item no.: 769-115/000-037 1-conductor female plug; 4 mm²; 15-pole; 4,00 mm²; green-yellow, gray	www.wago.com/769-115/000-037
	Item no.: 769-115/000-038 1-conductor female plug; 4 mm²; 15-pole; 4,00 mm²; gray, blue, green-yellow	www.wago.com/769-115/000-038
	Item no.: 769-115/000-039 1-conductor female plug; 4 mm²; 15-pole; 4,00 mm²; green-yellow, blue, gray	www.wago.com/769-115/000-039
	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
	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

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	Item no.: 769-130 2-conductor female connector; 4 mm²; 10-pole; 4,00 mm²; gray	www.wago.com/769-130
	Item no.: 769-131 2-conductor female connector; 4 mm²; 11-pole; 4,00 mm²; gray	www.wago.com/769-131
	Item no.: 769-132 2-conductor female connector; 4 mm²; 12-pole; 4,00 mm²; gray	www.wago.com/769-132
	Item no.: 769-133 2-conductor female connector; 4 mm²; 13-pole; 4,00 mm²; gray	www.wago.com/769-133
	Item no.: 769-134 2-conductor female connector; 4 mm²; 14-pole; 4,00 mm²; gray	www.wago.com/769-134
ferrule		
	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated	www.wago.com/216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated	www.wago.com/216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-302
Coding		
	Item no.: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange	www.wago.com/769-435
Marking accessories		

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	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

Downloads

Documentation

Bid Text

769-675/004-000 GAEB X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download
769-675/004-000 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 769-675/004-000	URL	Download

PCB Design

Symbol and Footprint 769-675/004-000 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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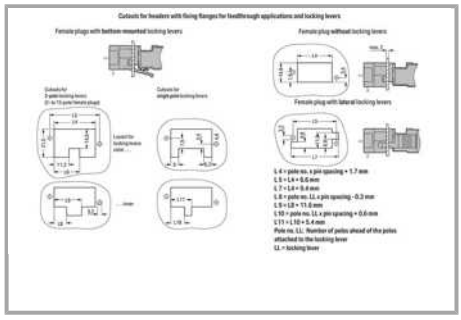
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- 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



Cutouts for headers with fixing flanges for feedthrough applications and locking levers

Application

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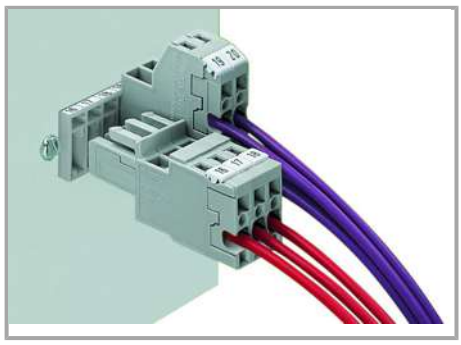
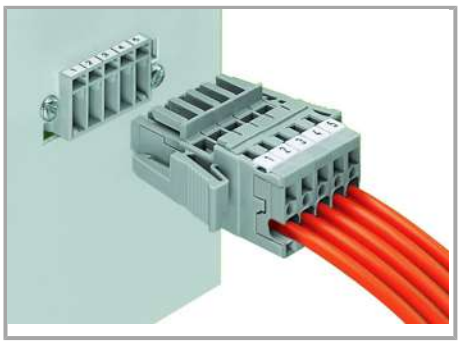


Male header with straight or angled solder pins and feedthrough flanges



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

1-conductor female plug

2-conductor female plug

Product family

X-COM
Show all products from the family

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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