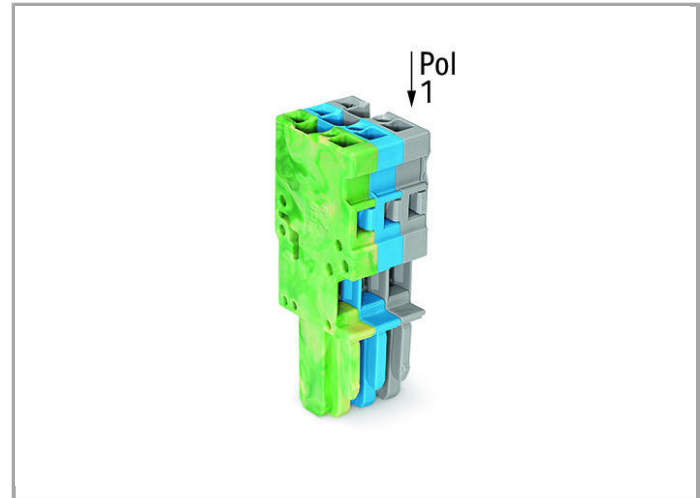
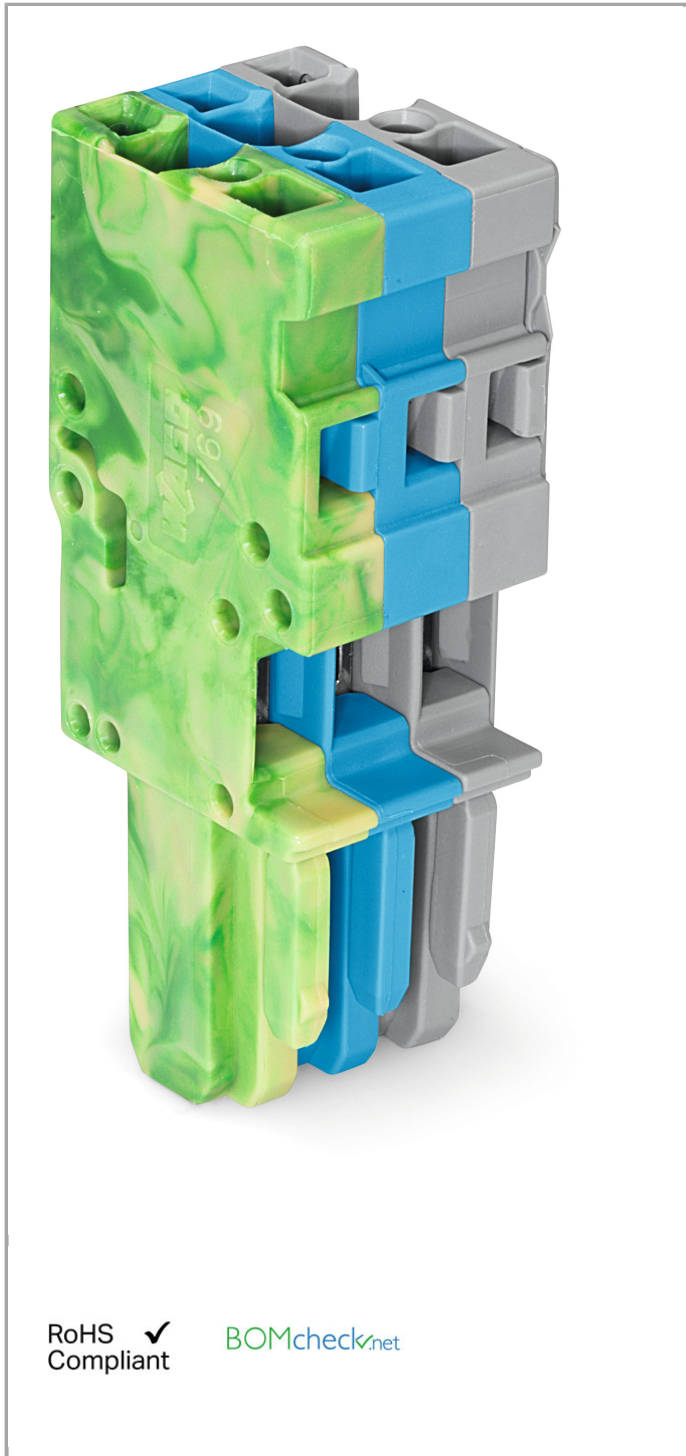


Data sheet | Item number: 769-103/000-039

1-conductor female plug; 4 mm²; 3-pole

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



RoHS Compliant

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

Item description



According to EN 61984, pluggable connectors without current interrupting capacity shall not be mated and unmated when live or under load.

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Nominal cross section	4 mm ²
Solid conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch
No. of poles	3
Total number of connection points	3
Total number of potentials	3
Type of wiring	Front-entry wiring

Geometrical Data

Width	15 mm / 0.591 inch
Height	45.2 mm / 1.78 inch
Depth	18.3 mm / 0.72 inch

Mechanical data

Marking level	Side marking
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Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors

Material Data

Color	green-yellow, blue, gray
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Insulating material	Polyamide 66 (PA 66)
Fire load	0.165 MJ
Weight	9.653 g

Commercial data



Country of origin	DE
GTIN	4045454285142
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals





Logo	Approval	Certificate name
	CSA DEKRA Certification B.V.	1101144

UL-Approvals

Logo	Approval	Certificate name
	UR Underwriters Laboratories Inc.	E45171
	UR Underwriters Laboratories Inc.	E45172

Compatible products

Male plug

	Item no.: 769-603 1-conductor male connector; 4 mm ² ; Pin spacing 5 mm; 3-pole	www.wago.com/769-603
	Item no.: 769-603/001-000 1-conductor male connector; Snap-in mounting feet; 4 mm ² ; Pin spacing 5 mm; 3-pole	www.wago.com/769-603/001-000
	Item no.: 769-603/002-000 1-conductor male connector; clamping collar; 4 mm ² ; Pin spacing 5 mm; 3-pole	www.wago.com/769-603/002-000
	Item no.: 769-603/004-000 1-conductor male connector; Feedthrough flange; 4 mm ² ; Pin spacing 5 mm; 3-pole	www.wago.com/769-603/004-000

**Item no.: 769-603/005-000**1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 3-polewww.wago.com/769-603/005-000**Item no.: 769-603/006-000**1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 3-polewww.wago.com/769-603/006-000**Item no.: 769-633**

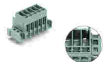
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole

www.wago.com/769-633**Item no.: 769-633/000-036**

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

www.wago.com/769-633/000-036**Item no.: 769-633/003-000**

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

www.wago.com/769-633/003-000**Item no.: 769-633/003-036**

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

www.wago.com/769-633/003-036**Item no.: 769-633/004-000**

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

www.wago.com/769-633/004-000**Item no.: 769-633/007-000**

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

www.wago.com/769-633/007-000**Item no.: 769-663**

Stiftleiste; mit abgewinkelten Einlötlötstiften; Steckrichtung parallel zur Leiterplatte; 1 x 1 mm; Rastermaß 5 mm / 0.197 in; 3-polig

www.wago.com/769-663**Item no.: 769-663/003-000**

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 3-pole

www.wago.com/769-663/003-000**Item no.: 769-663/004-000**

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

















www.wago.com/769-663/004-000**Strain relief plate****Item no.: 769-1603**

Strain relief housing

www.wago.com/769-1603**Item no.: 769-411**

Strain relief plate

www.wago.com/769-411**ferrule****Item no.: 216-101**Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin platedwww.wago.com/216-101**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin platedwww.wago.com/216-102
















	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / AWG 22; insulated; electro-tin plated	www.wago.com/216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / AWG 20; insulated; electro-tin plated	www.wago.com/216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	www.wago.com/216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	www.wago.com/216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated	www.wago.com/216-206
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / AWG 24; insulated; electro-tin plated	www.wago.com/216-302
Insulation stop		
	Item no.: 769-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip	www.wago.com/769-470
	Item no.: 769-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip	www.wago.com/769-471
	Item no.: 769-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip	www.wago.com/769-472
General accessories		
	Item no.: 769-436 Jumper cover; for 1-conductor female plugs; for 5 poles	www.wago.com/769-436
Protective Warning Marker		
	Item no.: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	www.wago.com/280-415
Jumper		
	Item no.: 769-402 Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs	www.wago.com/769-402
check		
	Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable	www.wago.com/210-136



Item no.: 210-137
Test plug; 2.3 mm Ø; with 500 mm cable

www.wago.com/210-137

Marking accessories

	Item no.: 2009-145 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-145
	Item no.: 2009-145/000-002 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-145/000-002
	Item no.: 2009-145/000-005 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-145/000-005
	Item no.: 2009-145/000-006 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-145/000-006
	Item no.: 2009-145/000-007 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-145/000-007
	Item no.: 2009-145/000-012 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-145/000-012
	Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-145/000-023
	Item no.: 2009-145/000-024 Mini-WSB Inline; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-145/000-024
	Item no.: 210-805 Labels; for smartPRINTER	www.wago.com/210-805
	Item no.: 210-805/000-002 Labels; for smartPRINTER	www.wago.com/210-805/000-002
	Item no.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive	www.wago.com/210-831
	Item no.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive	www.wago.com/210-832
	Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive	www.wago.com/210-834
	Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	www.wago.com/248-501
	Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/248-501/000-002



Item no.: 248-501/000-005
Mini-WSB marking card; as card; plain; snap-on type

www.wago.com/248-501/000-005



Item no.: 248-501/000-006
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

www.wago.com/248-501/000-006



Item no.: 248-501/000-007
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

www.wago.com/248-501/000-007



Item no.: 248-501/000-012
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

www.wago.com/248-501/000-012



Item no.: 248-501/000-017
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

www.wago.com/248-501/000-017



Item no.: 248-501/000-023
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

www.wago.com/248-501/000-023



Item no.: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

www.wago.com/248-501/000-024

Locking lever



Item no.: 769-428
Locking lever

www.wago.com/769-428



Item no.: 769-429
Locking lever

www.wago.com/769-429



Item no.: 769-430
Locking lever

www.wago.com/769-430



Item no.: 769-431
Locking lever

www.wago.com/769-431

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Documentation

Bid Text

769-103/000-039

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