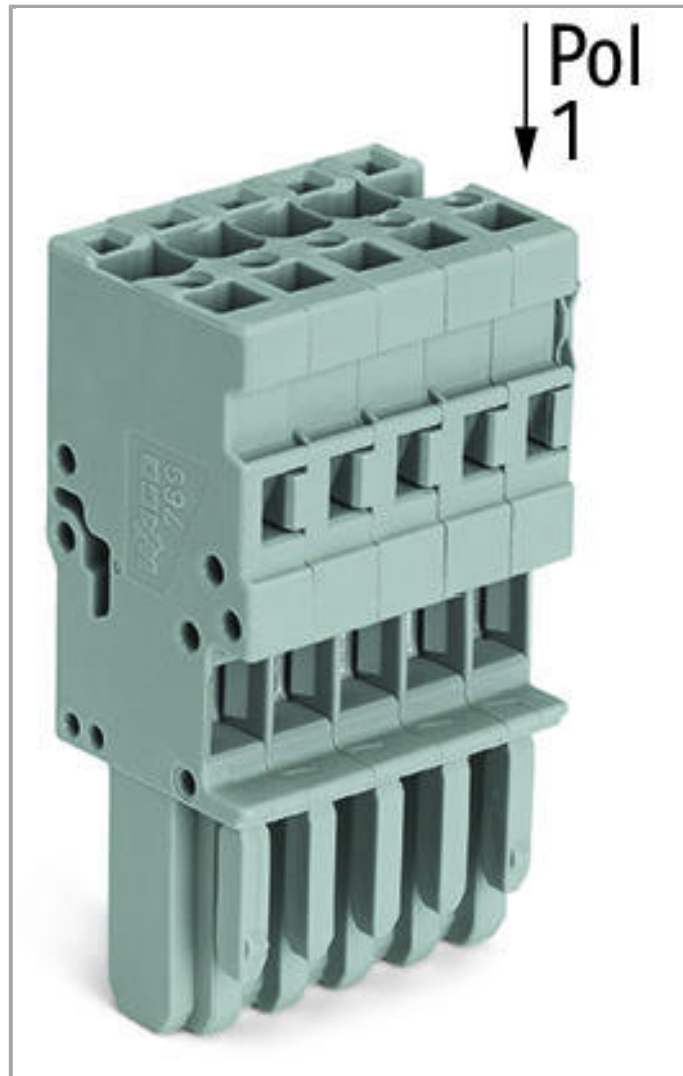


Data sheet | Item number: 769-109
1-conductor female plug; 4 mm²; 9-pole

www.wago.com/769-109



RoHS Compliant

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

Color: ■

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	9
Total number of connection points	9
Total number of potentials	9
Type of wiring	Front-entry wiring

Geometrical Data

Width	45 mm / 1.772 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	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.479 MJ
Weight	29.1 g

Commercial data

Country of origin	DE
GTIN	4044918471671
Customs Tariff No.	85366990990

Approvals / Certificates



Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NTR NL-7626
	CSA DEKRA Certification B.V.	1101144
	KEMA/KEUR DEKRA Certification B.V.	2190419.01

Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1293677-PDA

UL-Approvals

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

Compatible products

Strain relief plate



Item no.: 769-1609
Strain relief housing

www.wago.com/769-1609



Item no.: 769-412
Strain relief plate

www.wago.com/769-412



Item no.: 769-413
Strain relief plate

www.wago.com/769-413

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

Male plug



Item no.: 769-609
1-conductor male connector; 4 mm²; Pin spacing 5 mm; 9-pole

www.wago.com/769-609



Item no.: 769-609/001-000
1-conductor male connector; Snap-in mounting feet; 4 mm²; Pin spacing 5 mm; 9-pole

www.wago.com/769-609/001-000



Item no.: 769-609/002-000
1-conductor male connector; clamping collar; 4 mm²; Pin spacing 5 mm; 9-pole

www.wago.com/769-609/002-000



Item no.: 769-609/004-000
1-conductor male connector; Feedthrough flange; 4 mm²; Pin spacing 5 mm; 9-pole

www.wago.com/769-609/004-000



Item no.: 769-609/005-000
1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 9-pole

www.wago.com/769-609/005-000



Item no.: 769-609/006-000
1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 9-pole

www.wago.com/769-609/006-000



Item no.: 769-639
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 9-pole

www.wago.com/769-639

**Item no.: 769-639/003-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 9-pole

www.wago.com/769-639/003-000**Item no.: 769-639/004-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 9-pole

www.wago.com/769-639/004-000**Item no.: 769-639/007-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 9-pole

www.wago.com/769-639/007-000**Item no.: 769-669**

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 9-pole

www.wago.com/769-669**Item no.: 769-669/003-000**

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 9-pole

www.wago.com/769-669/003-000**Item no.: 769-669/004-000**

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 9-pole

www.wago.com/769-669/004-000**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**General accessories****Item no.: 769-436**

Jumper cover; for 1-conductor female plugs; for 5 poles


www.wago.com/769-436**Insulation stop****Item no.: 769-470**Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/stripwww.wago.com/769-470**Item no.: 769-471**Insulation stop; 0.25 - 0.5 mm²; 5 pieces/stripwww.wago.com/769-471**Item no.: 769-472**Insulation stop; 0.75 - 1 mm²; 5 pieces/stripwww.wago.com/769-472**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 mm² / AWG 18; uninsulated; electro-tin platedwww.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


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

Jumper

	Item no.: 769-402 Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs	www.wago.com/769-402
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Protective Warning Marker

	Item no.: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	www.wago.com/280-415
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Documentation

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CAD data

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