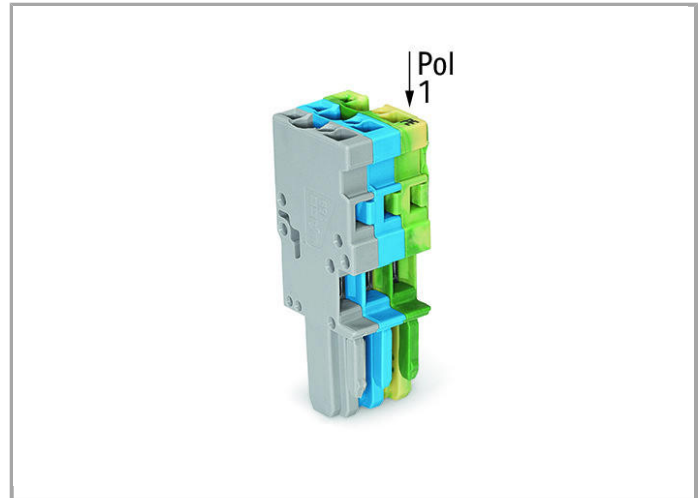


Data sheet | Item number: 769-103/000-038

1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

[www.wago.com/769-103/000-038](http://www.wago.com/769-103/000-038)



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 <sup>2</sup>
Solid conductor	0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm <sup>2</sup> / 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	gray, blue, green-yellow
-------	--------------------------

Insulating material	Polyamide 66 (PA 66)
Fire load	0.166 MJ
Weight	9.703 g

### Commercial data



Country of origin	DE
GTIN	4045454285159
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

#### Insulation stop

	<b>Item no.: 769-470</b> Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip	<a href="http://www.wago.com/769-470">www.wago.com/769-470</a>
	<b>Item no.: 769-471</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip	<a href="http://www.wago.com/769-471">www.wago.com/769-471</a>
	<b>Item no.: 769-472</b> Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip	<a href="http://www.wago.com/769-472">www.wago.com/769-472</a>

#### Marking accessories

	<b>Item no.: 2009-145</b> Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
	<b>Item no.: 2009-145/000-002</b> Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a>

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



**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](http://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](http://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](http://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](http://www.wago.com/248-501/000-024)

### Locking lever



**Item no.: 769-428**  
Locking lever

[www.wago.com/769-428](http://www.wago.com/769-428)



**Item no.: 769-429**  
Locking lever

[www.wago.com/769-429](http://www.wago.com/769-429)



**Item no.: 769-430**  
Locking lever

[www.wago.com/769-430](http://www.wago.com/769-430)



**Item no.: 769-431**  
Locking lever

[www.wago.com/769-431](http://www.wago.com/769-431)

### Protective Warning Marker



**Item no.: 280-415**  
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

[www.wago.com/280-415](http://www.wago.com/280-415)

### Male plug



**Item no.: 769-603**  
1-conductor male connector; 4 mm<sup>2</sup>; Pin spacing 5 mm; 3-pole

[www.wago.com/769-603](http://www.wago.com/769-603)



**Item no.: 769-603/001-000**  
1-conductor male connector; Snap-in mounting feet; 4 mm<sup>2</sup>; Pin spacing 5 mm; 3-pole

[www.wago.com/769-603/001-000](http://www.wago.com/769-603/001-000)



**Item no.: 769-603/002-000**  
1-conductor male connector; clamping collar; 4 mm<sup>2</sup>; Pin spacing 5 mm; 3-pole

[www.wago.com/769-603/002-000](http://www.wago.com/769-603/002-000)



**Item no.: 769-603/004-000**  
1-conductor male connector; Feedthrough flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 3-pole

[www.wago.com/769-603/004-000](http://www.wago.com/769-603/004-000)



**Item no.: 769-603/005-000**  
1-conductor male connector; Snap-in flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 3-pole

[www.wago.com/769-603/005-000](http://www.wago.com/769-603/005-000)



**Item no.: 769-603/006-000**

1-conductor male connector; Snap-in flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 3-pole

[www.wago.com/769-603/006-000](http://www.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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/769-633/007-000)

**Item no.: 769-663**

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

[www.wago.com/769-663](http://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](http://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](http://www.wago.com/769-663/004-000)

#### Strain relief plate



**Item no.: 769-1603**

Strain relief housing

[www.wago.com/769-1603](http://www.wago.com/769-1603)



**Item no.: 769-411**

Strain relief plate

[www.wago.com/769-411](http://www.wago.com/769-411)

#### General accessories



**Item no.: 769-436**

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

[www.wago.com/769-436](http://www.wago.com/769-436)

#### Jumper



**Item no.: 769-402**

Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs

[www.wago.com/769-402](http://www.wago.com/769-402)

## check



**Item no.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable

[www.wago.com/210-136](http://www.wago.com/210-136)



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

[www.wago.com/210-137](http://www.wago.com/210-137)

## ferrule



**Item no.: 216-101**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated

[www.wago.com/216-101](http://www.wago.com/216-101)



**Item no.: 216-102**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated

[www.wago.com/216-102](http://www.wago.com/216-102)



**Item no.: 216-103**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

[www.wago.com/216-103](http://www.wago.com/216-103)



**Item no.: 216-104**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

[www.wago.com/216-104](http://www.wago.com/216-104)



**Item no.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; insulated; electro-tin plated

[www.wago.com/216-201](http://www.wago.com/216-201)



**Item no.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; insulated; electro-tin plated

[www.wago.com/216-202](http://www.wago.com/216-202)



**Item no.: 216-203**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated

[www.wago.com/216-203](http://www.wago.com/216-203)



**Item no.: 216-204**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated

[www.wago.com/216-204](http://www.wago.com/216-204)



**Item no.: 216-206**  
Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated

[www.wago.com/216-206](http://www.wago.com/216-206)



**Item no.: 216-301**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

[www.wago.com/216-301](http://www.wago.com/216-301)



**Item no.: 216-302**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

[www.wago.com/216-302](http://www.wago.com/216-302)

## Downloads

## Documentation

## Bid Text

769-103/000-038

Oct 18, 2017

DOC  
26.1 kB

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Subject to changes.

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