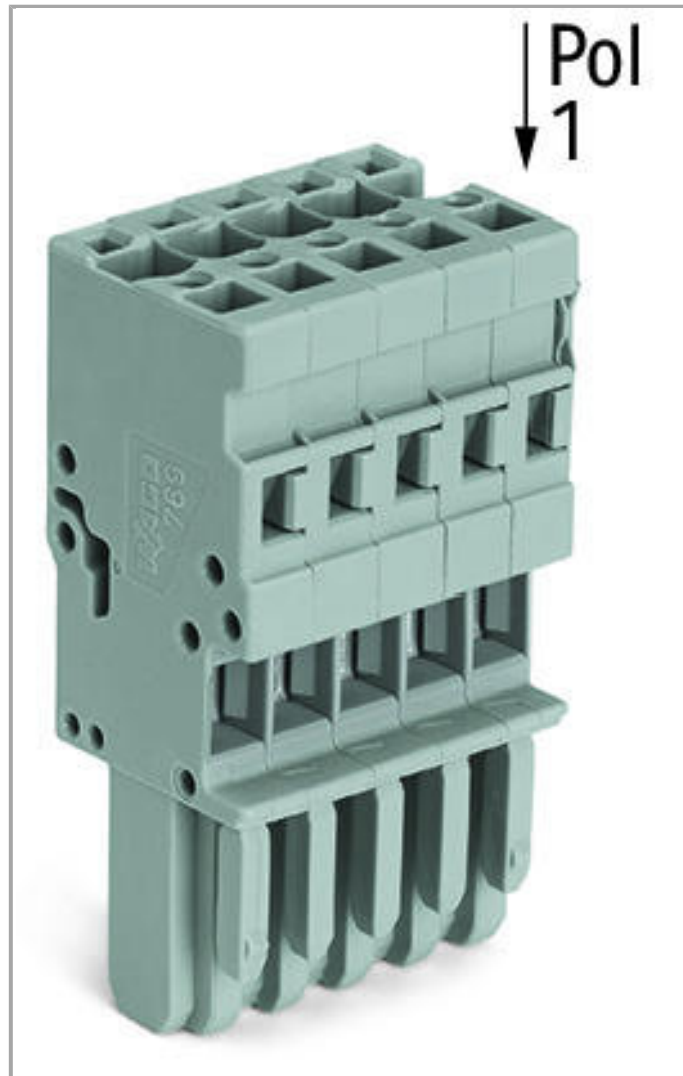


Data sheet | Item number: 769-110

1-conductor female plug; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-110](http://www.wago.com/769-110)



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 <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	10
Total number of connection points	10
Total number of potentials	10
Type of wiring	Front-entry wiring

### Geometrical Data

Width	50 mm / 1.969 inch
Height	45.2 mm / 1.78 inch
Depth	18.3 mm / 0.72 inch

### Mechanical data

Marking level	Side marking
---------------	--------------

### 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	0.532 MJ
Weight	34.069 g

## Commercial data

Country of origin	DE
GTIN	4044918471787
Customs Tariff No.	85366990990

## Approvals / Certificates



### Country specific Approvals

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

### Ship Approvals

Logo	Approval	Certificate name
	<b>ABS</b> American Bureau of Shipping	14-HG1293677-PDA

### UL-Approvals

Logo	Approval	Certificate name
	<b>UR</b> Underwriters Laboratories Inc.	E45171
	<b>UR</b> Underwriters Laboratories Inc.	E45172

## Compatible products

### Strain relief plate



Item no.: 769-1610  
Strain relief housing

[www.wago.com/769-1610](http://www.wago.com/769-1610)



**Item no.: 769-414**  
Strain relief plate

[www.wago.com/769-414](http://www.wago.com/769-414)

#### Insulation stop



**Item no.: 769-470**  
Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip

[www.wago.com/769-470](http://www.wago.com/769-470)



**Item no.: 769-471**  
Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip

[www.wago.com/769-471](http://www.wago.com/769-471)



**Item no.: 769-472**  
Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip

[www.wago.com/769-472](http://www.wago.com/769-472)

#### Male plug



**Item no.: 769-610**  
1-conductor male connector; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610](http://www.wago.com/769-610)



**Item no.: 769-610/001-000**  
1-conductor male connector; Snap-in mounting feet; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/001-000](http://www.wago.com/769-610/001-000)



**Item no.: 769-610/002-000**  
1-conductor male connector; clamping collar; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/002-000](http://www.wago.com/769-610/002-000)



**Item no.: 769-610/004-000**  
1-conductor male connector; Feedthrough flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/004-000](http://www.wago.com/769-610/004-000)



**Item no.: 769-610/005-000**  
1-conductor male connector; Snap-in flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/005-000](http://www.wago.com/769-610/005-000)



**Item no.: 769-610/006-000**  
1-conductor male connector; Snap-in flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/006-000](http://www.wago.com/769-610/006-000)



**Item no.: 769-640**  
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 10-pole

[www.wago.com/769-640](http://www.wago.com/769-640)



**Item no.: 769-640/003-000**  
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 10-pole

[www.wago.com/769-640/003-000](http://www.wago.com/769-640/003-000)



**Item no.: 769-640/004-000**  
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 10-pole

[www.wago.com/769-640/004-000](http://www.wago.com/769-640/004-000)



**Item no.: 769-640/007-000**  
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 10-pole

[www.wago.com/769-640/007-000](http://www.wago.com/769-640/007-000)

**Item no.: 769-670**  
Stiftleiste; mit abgewinkelten Einlötfistfen; Steckrichtung parallel zur Leiterplatte; 1 x 1 mm; Rastermaß 5 mm / 0.197 in; 10-polig

[www.wago.com/769-670](http://www.wago.com/769-670)



**Item no.: 769-670/003-000**  
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 10-pole

[www.wago.com/769-670/003-000](http://www.wago.com/769-670/003-000)



**Item no.: 769-670/004-000**  
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 10-pole

[www.wago.com/769-670/004-000](http://www.wago.com/769-670/004-000)

#### 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)

#### 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)

#### 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)

#### 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)

#### 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](http://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](http://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](http://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](http://www.wago.com/2009-145/000-006)

	<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>
	<b>Item no.: 248-501/000-012</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a>
	<b>Item no.: 248-501/000-017</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a>



**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)

## 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)

## 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)

## Downloads Documentation

### Bid Text

769-110

Oct 18, 2017

DOC  
25.6 kB

Download



## smartDATA

### CAD data

3D Download 769-110

URL

Download

---

## Product family

### X-COM

[Learn more about the product family.](#)

[Show all products from the family](#)

Subject to changes.

---

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.