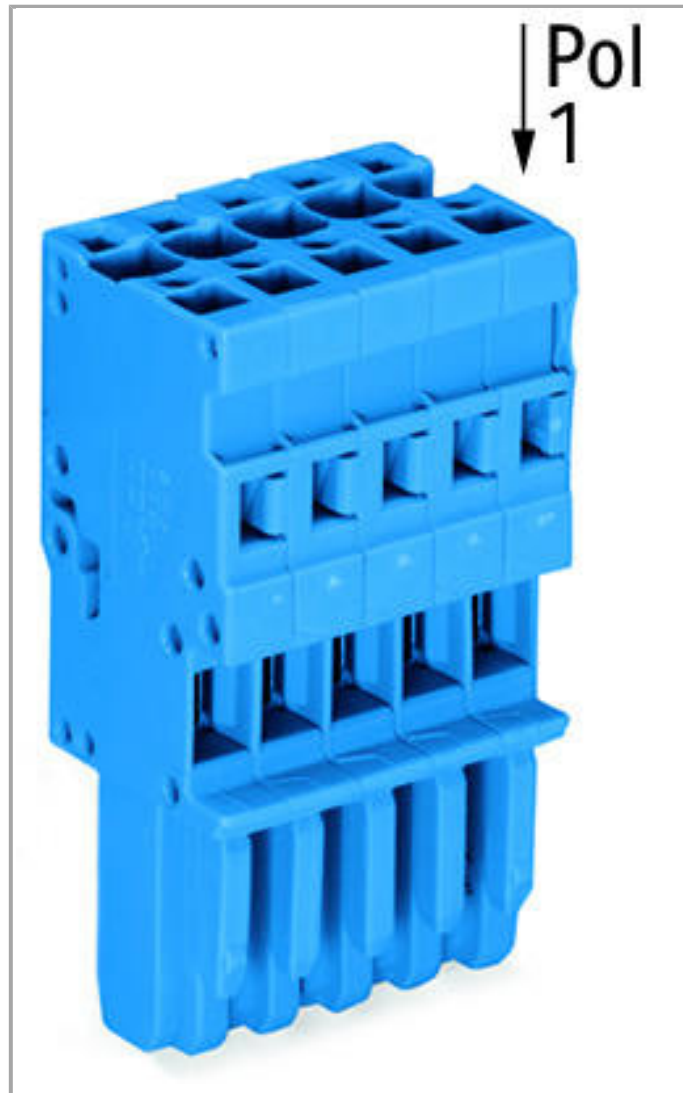


Data sheet | Item number: 769-110/000-006

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

[www.wago.com/769-110/000-006](http://www.wago.com/769-110/000-006)



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
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## Plug connection

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

## Material Data




Color	blue
Insulating material	Polyamide 66 (PA 66)
Fire load	0.565 MJ
Weight	32.67 g

## Commercial data



Country of origin	DE
GTIN	4045454579869
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

### UL-Approvals

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

## Compatible products

### Male plug

	Item no.: 769-610 1-conductor male connector; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 10-pole	<a href="http://www.wago.com/769-610">www.wago.com/769-610</a>
	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	<a href="http://www.wago.com/769-610/001-000">www.wago.com/769-610/001-000</a>
	Item no.: 769-610/002-000 1-conductor male connector; clamping collar; 4 mm <sup>2</sup> ; Pin spacing 5 mm; 10-pole	<a href="http://www.wago.com/769-610/002-000">www.wago.com/769-610/002-000</a>

**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 Einlötfstiften; 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)**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)

### 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)

### 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)

### 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)



**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](http://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](http://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](http://www.wago.com/2009-145/000-023)

	<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>
	<b>Item no.: 248-501/000-023</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a>
	<b>Item no.: 248-501/000-024</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	<a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a>

## ferrule

	<b>Item no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-101">www.wago.com/216-101</a>
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	<b>Item no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-102">www.wago.com/216-102</a>
	<b>Item no.: 216-103</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-103">www.wago.com/216-103</a>
	<b>Item no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-104">www.wago.com/216-104</a>
	<b>Item no.: 216-201</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; insulated; electro-tin plated	<a href="http://www.wago.com/216-201">www.wago.com/216-201</a>
	<b>Item no.: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated	<a href="http://www.wago.com/216-202">www.wago.com/216-202</a>
	<b>Item no.: 216-203</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated	<a href="http://www.wago.com/216-203">www.wago.com/216-203</a>
	<b>Item no.: 216-204</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated	<a href="http://www.wago.com/216-204">www.wago.com/216-204</a>
	<b>Item no.: 216-206</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated	<a href="http://www.wago.com/216-206">www.wago.com/216-206</a>
	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-301">www.wago.com/216-301</a>
	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>

**Strain relief plate**

	<b>Item no.: 769-1610</b> Strain relief housing	<a href="http://www.wago.com/769-1610">www.wago.com/769-1610</a>
	<b>Item no.: 769-414</b> Strain relief plate	<a href="http://www.wago.com/769-414">www.wago.com/769-414</a>

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