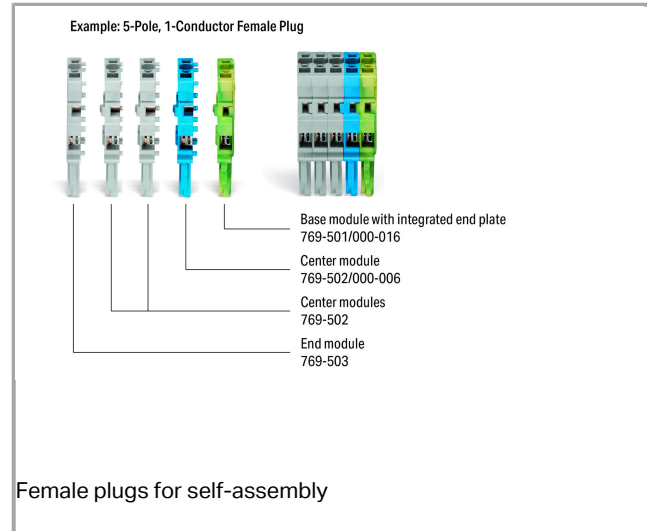
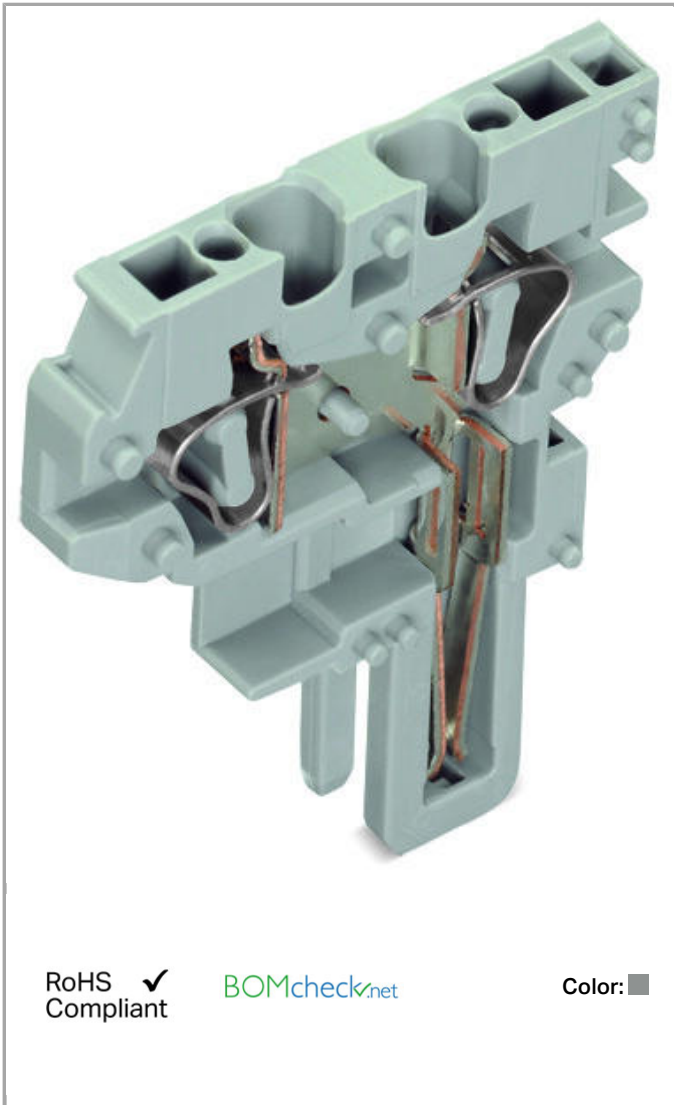


769-506



### Item description

#### Customizing Modular Female Plugs

WAGO's modular X-COM®-SYSTEM female plugs can be customized for applications requiring varying numbers of poles (e.g., when designing prototypes).

#### Modules and Pole Numbers

A customized X-COM®-SYSTEM female plug consists of:

- One base module with an integrated end plate
- Up to 13 center modules (corresponding to a 15-pole female plug = maximum pole number)
- One end module

**Intended Use**

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

**Assembly**

The appropriate mounting tool shall be used in order to guarantee that the individual modules are properly attached to each other without damaging the locking latches.

**Safety information 1:**

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

**Connection data**

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
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	1
Total number of connection points	2
Total number of potentials	1
Type of wiring	Front-entry wiring

**Geometrical Data**

Width	5 mm / 0.197 inch
Height	45.2 mm / 1.78 inch
Depth	35.9 mm / 1.413 inch
Module width	5 mm / 0.197 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	0.07 MJ
Weight	4.81 g

## Commercial data



Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4017332331463
Customs Tariff No.	85366990990

## Compatible products

### Locking lever


	Item no.: 769-428 Locking lever	769-428
	Item no.: 769-429 Locking lever	769-429

### Strain relief plate




	Item no.: 769-1602 Strain relief housing	769-1602
	Item no.: 769-1603 Strain relief housing	769-1603
	Item no.: 769-1604 Strain relief housing	769-1604
	Item no.: 769-1605 Strain relief housing	769-1605
	Item no.: 769-1606 Strain relief housing	769-1606
	Item no.: 769-1607	
















	Strain relief housing	769-1607
	<b>Item no.: 769-1608</b> Strain relief housing	769-1608
	<b>Item no.: 769-1609</b> Strain relief housing	769-1609
	<b>Item no.: 769-1610</b> Strain relief housing	769-1610
	<b>Item no.: 769-1611</b> Strain relief housing	769-1611
	<b>Item no.: 769-1612</b> Strain relief housing	769-1612
	<b>Item no.: 769-1613</b> Strain relief housing	769-1613
	<b>Item no.: 769-1614</b> Strain relief housing	769-1614
	<b>Item no.: 769-1615</b> Strain relief housing	769-1615
	<b>Item no.: 769-410</b> Strain relief plate	769-410
	<b>Item no.: 769-411</b> Strain relief plate	769-411
	<b>Item no.: 769-412</b> Strain relief plate	769-412
	<b>Item no.: 769-413</b> Strain relief plate	769-413
	<b>Item no.: 769-414</b> Strain relief plate	769-414

**Protective Warning Marker**

	<b>Item no.: 280-415</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-415
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**Marking accessories**

	<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145
	<b>Item no.: 2009-145/000-002</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145 /000-002
	<b>Item no.: 2009-145/000-005</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145 /000-005

	<b>Item no.: 2009-145/000-006</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145	/000-006
	<b>Item no.: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145	/000-007
	<b>Item no.: 2009-145/000-012</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145	/000-012
	<b>Item no.: 2009-145/000-023</b> Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145	/000-023
	<b>Item no.: 2009-145/000-024</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145	/000-024
	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive	210-831	
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive	210-832	
	<b>Item no.: 248-501</b> Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	248-501	
	<b>Item no.: 248-501/000-002</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	/000-002
	<b>Item no.: 248-501/000-005</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	/000-005
	<b>Item no.: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	/000-006
	<b>Item no.: 248-501/000-007</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	/000-007
	<b>Item no.: 248-501/000-012</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	/000-012
	<b>Item no.: 248-501/000-017</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	/000-017
	<b>Item no.: 248-501/000-023</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	/000-023



Item no.: 248-501/000-024

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

248-501

/000-024

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**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

769-470



Item no.: 769-471

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip

769-471



Item no.: 769-472

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip

769-472

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**check**


Item no.: 210-136

Test plug; 2 mm Ø; with 500 mm cable

210-136



Item no.: 210-137

Test plug; 2.3 mm Ø; with 500 mm cable

210-137

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**ferrule**


Item no.: 216-101

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated

216-101



Item no.: 216-102

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated

216-102



Item no.: 216-103

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

216-103



Item no.: 216-104

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

216-104



Item no.: 216-201

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated

216-201



Item no.: 216-202

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated

216-202



Item no.: 216-203

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated

216-203



Item no.: 216-204

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated

216-204



Item no.: 216-206

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated

216-206

Item no.: 216-301

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

216-301



Item no.: 216-302

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated

216-302



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Documentation

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CAD data

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