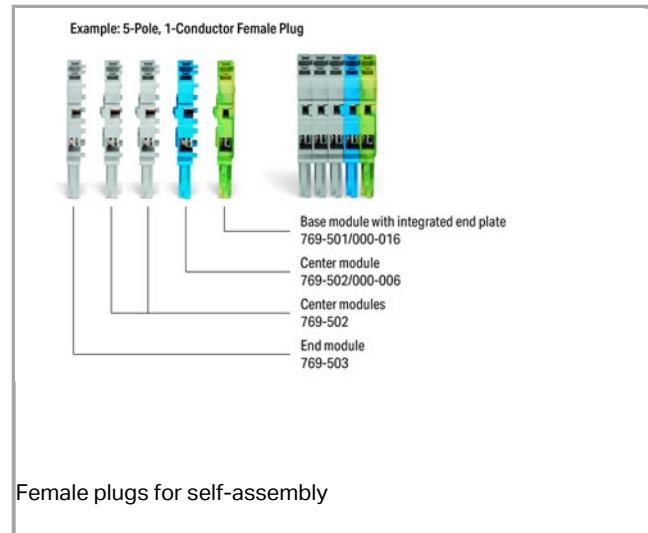
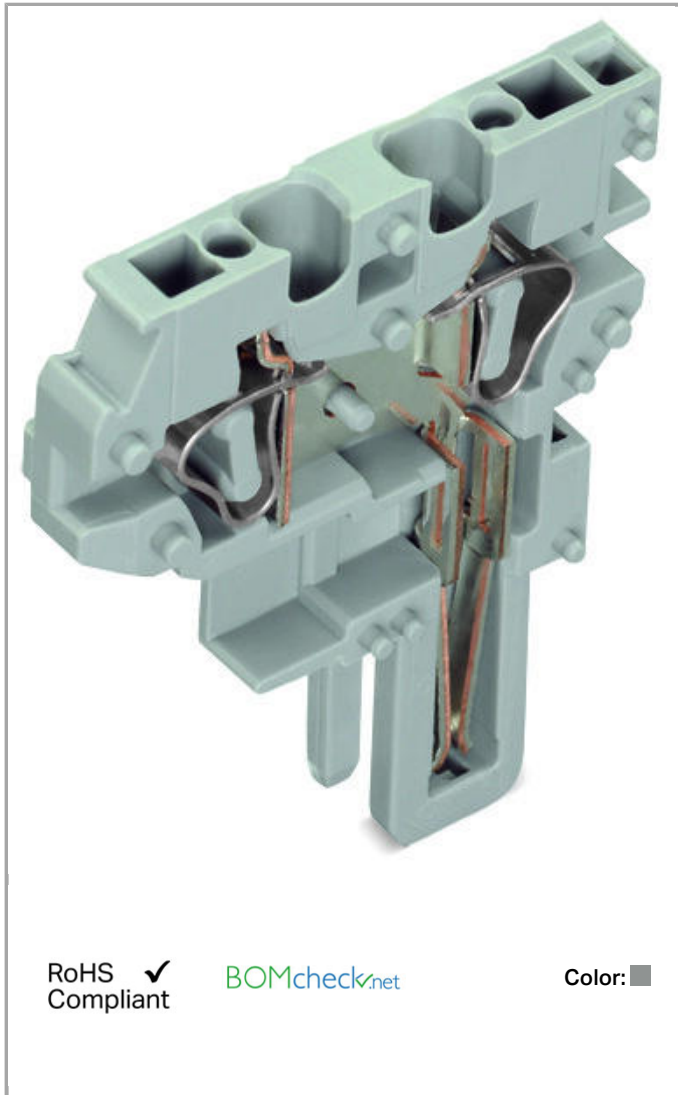


## Data sheet | Item number: 769-505

Center module for 2-conductor female connector; 4 mm<sup>2</sup>; 1-pole; 4,00 mm<sup>2</sup>;  
gray



769-505



### Item description

#### Customizing Modular Female Plugs

WAGO's modular X-COM<sup>®</sup>-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<sup>®</sup>-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
Total number of connection points	2
Total number of potentials	1
Type of wiring	Front-entry wiring
No. of poles	1

**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
---------------	--------------

## 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	0.085 MJ
Weight	5.17 g

## Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4017332331456
Customs Tariff No.	85366990990

## Approvals / Certificates




### Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA	EN 61984	2190419.02
	CCA	EN 61984	NL-47799
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01



### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626



CCA

	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	EN 61984	NL-47799
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

## Other Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1977	E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

## UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	20190731- E45172
	UR Underwriters Laboratories Inc.	UL 1977	E45171- 20010720

## Compatible products

## check

**Item no.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

210-136

**Item no.: 210-137**

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

210-137

## Strain relief plate

**Item no.: 769-1602**

Strain relief housing; gray

769-1602

**Item no.: 769-1603**

Strain relief housing; gray

769-1603

**Item no.: 769-1604**

Strain relief housing; gray

769-1604

**Item no.: 769-1605**

Strain relief housing; gray

769-1605

**Item no.: 769-1606**

Strain relief housing; gray

769-1606

**Item no.: 769-1607**

Strain relief housing; gray

769-1607

**Item no.: 769-1608**

Strain relief housing; gray

769-1608

**Item no.: 769-1609**

Strain relief housing; gray

769-1609

**Item no.: 769-1610**

Strain relief housing; gray

769-1610

**Item no.: 769-1611**

Strain relief housing; gray

769-1611

**Item no.: 769-1612**

Strain relief housing; gray

769-1612

**Item no.: 769-1613**

Strain relief housing; gray

769-1613

**Item no.: 769-1614**

Strain relief housing; gray

769-1614

**Item no.: 769-1615**


















Strain relief housing; gray
















769-1615

**Item no.: 769-410**

Strain relief plate; gray

769-410

	<b>Item no.: 769-411</b> Strain relief plate; gray	769-411
	<b>Item no.: 769-412</b> Strain relief plate; gray	769-412
	<b>Item no.: 769-413</b> Strain relief plate; gray	769-413
	<b>Item no.: 769-414</b> Strain relief plate; gray	769-414
<b>ferrule</b>		
	<b>Item no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	216-101
	<b>Item no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	216-102
	<b>Item no.: 216-103</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	216-103
	<b>Item no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	216-104
	<b>Item no.: 216-201</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; white	216-201
	<b>Item no.: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray	216-202
	<b>Item no.: 216-203</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; red	216-203
	<b>Item no.: 216-204</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; black	216-204
	<b>Item no.: 216-206</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; blue	216-206
	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow	216-301
	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; green	216-302
<b>Protective Warning Marker</b>		
	<b>Item no.: 280-415</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	280-415
<b>Marking accessories</b>		
	<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; white	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; yellow	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; red	/000-005	2009-145
	<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; blue	/000-006	2009-145
	<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; gray	/000-007	2009-145
	<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; orange	/000-012	2009-145
	<b>Item no.: 2009-145/000-023</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; green	/000-023	2009-145
	<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; violet	/000-024	2009-145
	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white		210-831
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white		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; yellow	/000-002	248-501
	<b>Item no.: 248-501/000-005</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	/000-005	248-501
	<b>Item no.: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	/000-006	248-501
	<b>Item no.: 248-501/000-007</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	/000-007	248-501
	<b>Item no.: 248-501/000-012</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	/000-012	248-501
	<b>Item no.: 248-501/000-017</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	/000-017	248-501
	<b>Item no.: 248-501/000-023</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	/000-023	248-501



**Item no.: 248-501/000-024**

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

/000-024

248-501

**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; white

769-470



**Item no.: 769-471**

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

769-471



**Item no.: 769-472**

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

769-472

**Locking lever**



**Item no.: 769-428**

Locking lever; gray

769-428



**Item no.: 769-429**

Locking lever; orange

769-429

**Downloads**

**Documentation**

**Bid Text**

769-505

doc  
26.1 kB

Download

**Additional Information**

Technical explanations

Apr 3, 2019

pdf  
2.1 MB

Download

**CAD/CAE - Smart Data**

**CAD data**

3D Download 769-505

URL

Download

**EPLAN**

EPLAN Data Portal

Download

**WSCAD**

WSCAD Universe

Download



Product family

X-COM

Show all products from the family

Subject to changes.

---