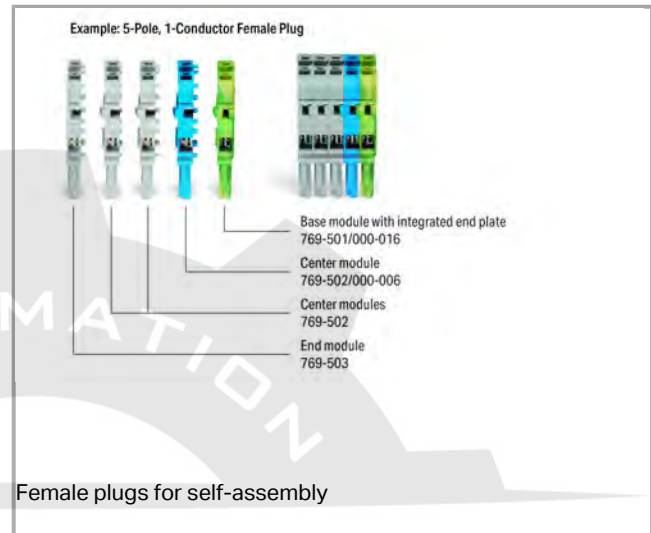
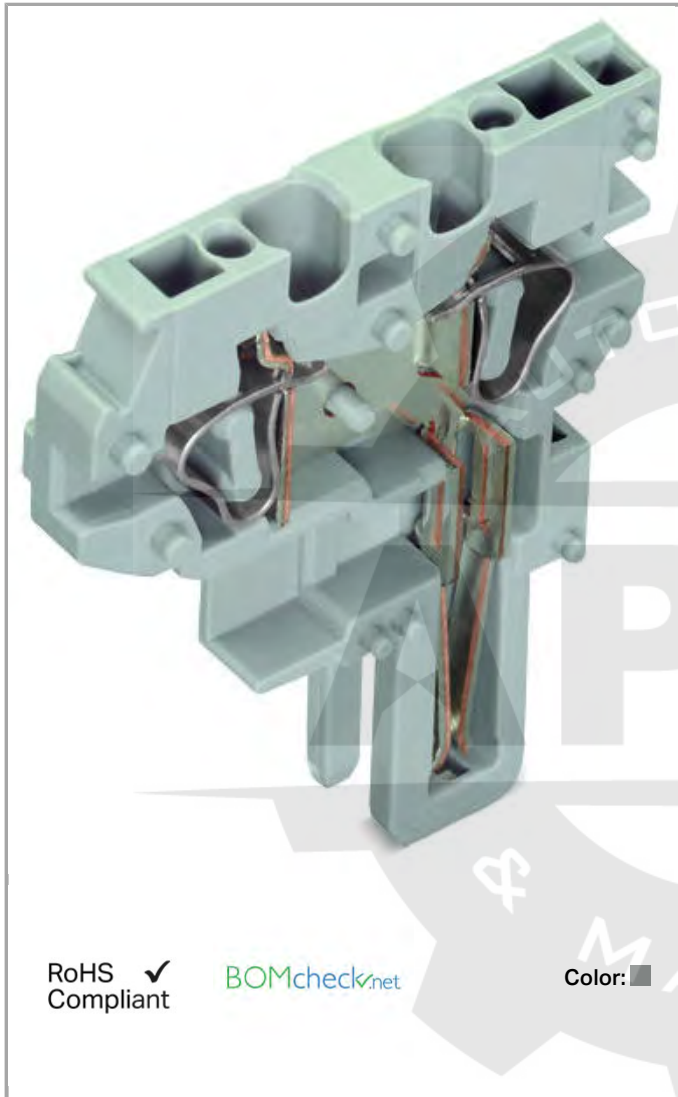


Data sheet | Item number: 769-505

Center module for 2-conductor female connector; 4 mm²; 1-pole; 4,00 mm²;
gray



769-505



RoHS
Compliant

BOMcheck.net

Color:

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 mm²
Solid conductor	0.08 4 mm² / 28 12 AWG
Fine-stranded conductor	0.08 4 mm² / 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	EN 61984	2190419.02
	DEKRA Certification B.V.		
	CCA	EN 61984	NL-47799
	DEKRA Certification B.V.		
	CSA	C22.2 No. 158	1101144
	DEKRA Certification B.V.		
	KEMA/KEUR	EN 60947	2190419.01
	DEKRA Certification B.V.		

Other Approvals

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

UL-Approvals

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

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



Item no.: 769-411
Strain relief plate; gray

769-411



Item no.: 769-412
Strain relief plate; gray

769-412



Item no.: 769-413
Strain relief plate; gray

769-413



Item no.: 769-414
Strain relief plate; gray

769-414

ferrule



Item no.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

216-101



Item no.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

216-102



Item no.: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

216-103



Item no.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

216-104



Item no.: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

216-201



Item no.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

216-202



Item no.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

216-203



Item no.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

216-204



Item no.: 216-206
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

216-206

Item no.: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

216-301



Item no.: 216-302
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; green

216-302

Protective Warning Marker



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

280-415

Marking accessories



Item no.: 2009-145
Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; white

2009-145



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

2009-145

/000-002

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



Item no.: 248-501/000-024

248-501

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

/000-024

Insulation stop



Item no.: 769-470

769-470

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

Item no.: 769-471

769-471

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

Item no.: 769-472

769-472

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

Locking lever



Item no.: 769-428

769-428

Locking lever; gray



Item no.: 769-429

769-429

Locking lever; orange

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.
