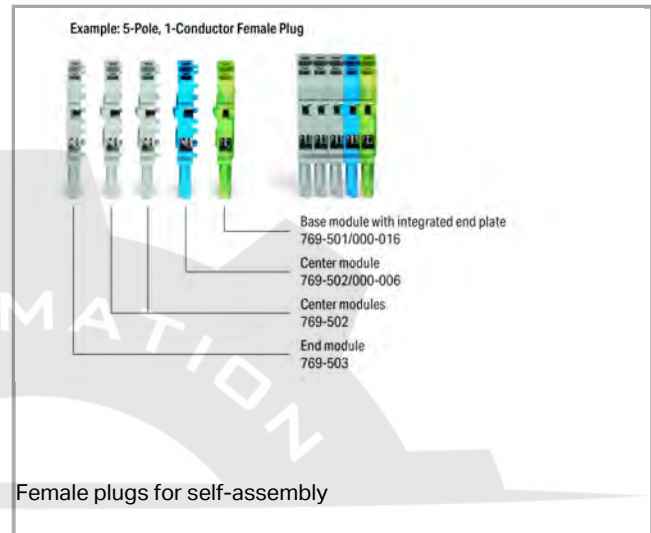




Item description

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**Connection data**

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross section	4 mm ²
Solid conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 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	green-yellow
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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	4017332633055
Customs Tariff No.	85366990990

Approvals / Certificates**Country specific Approvals**

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

UL-Approvals

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

Compatible products

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
	Item no.: 769-1608 Strain relief housing	769-1608
	Item no.: 769-1609 Strain relief housing	769-1609
	Item no.: 769-1610 Strain relief housing	769-1610
	Item no.: 769-1611 Strain relief housing	769-1611
	Item no.: 769-1612 Strain relief housing	769-1612
	Item no.: 769-1613 Strain relief housing	769-1613
	Item no.: 769-1614 Strain relief housing	769-1614
	Item no.: 769-1615 Strain relief housing	769-1615
	Item no.: 769-410 Strain relief plate	769-410
	Item no.: 769-411 Strain relief plate	769-411



Item no.: 769-412
Strain relief plate

769-412



Item no.: 769-413
Strain relief plate

769-413



Item no.: 769-414
Strain relief plate

769-414

Insulation stop



Item no.: 769-470
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip

769-470



Item no.: 769-471
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip

769-471



Item no.: 769-472
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip

769-472

Marking accessories



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

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

2009-145



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

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

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

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

2009-145



Item no.: 2009-145/000-023
Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

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

2009-145



Item no.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive

210-831



Item no.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive

210-832

**Item no.: 248-501**

248-501

Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card

**Item no.: 248-501/000-002**

248-501

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

/000-002

**Item no.: 248-501/000-005**

248-501

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

/000-005

**Item no.: 248-501/000-006**

248-501

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

/000-006

**Item no.: 248-501/000-007**

248-501

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

/000-007

**Item no.: 248-501/000-012**

248-501

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

/000-012

**Item no.: 248-501/000-017**

248-501

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

/000-017

**Item no.: 248-501/000-023**

248-501

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

/000-023

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

248-501

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

/000-024

ferrule**Item no.: 216-101**

216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated**Item no.: 216-102**

216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated**Item no.: 216-103**

216-103

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated**Item no.: 216-104**

216-104

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated**Item no.: 216-201**

216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated**Item no.: 216-202**

216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated**Item no.: 216-203**

216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated**Item no.: 216-204**

216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated

	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated	216-206
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-302
Protective Warning Marker		
	Item no.: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-415
Locking lever		
	Item no.: 769-428 Locking lever	769-428
	Item no.: 769-429 Locking lever	769-429
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

Downloads Documentation

Bid Text

769-506/000-016	doc 26.6 kB	Download
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CAD/CAE - Smart Data

CAD data

3D Download 769-506/000-016	URL	Download
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Product family

X-COM

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Subject to changes.
