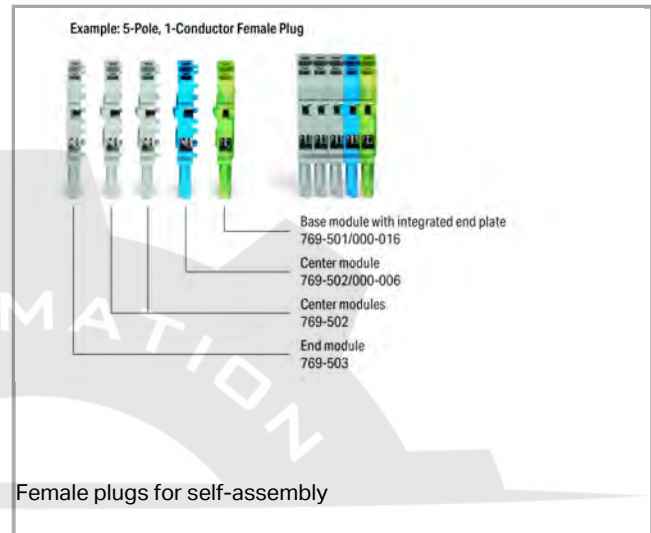




RoHS   
Compliant



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

##### 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 |
| No. of poles                      | 1                               |
| Total number of connection points | 1                               |
| Total number of potentials        | 1                               |
| Type of wiring                    | Front-entry wiring              |

##### Geometrical Data

|              |                      |
|--------------|----------------------|
| Width        | 5 mm / 0.197 inch    |
| Height       | 37.1 mm / 1.461 inch |
| Depth        | 26.5 mm / 1.043 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               | green-yellow         |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.044 MJ             |
| Weight              | 2.478 g              |

## Commercial data

|                    |                   |
|--------------------|-------------------|
| Product Group      | 18 (X-COM-System) |
| Country of origin  | DE                |
| GTIN               | 4017332632959     |
| Customs Tariff No. | 85366990990       |

## Approvals / Certificates

### Country specific Approvals

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

### UL-Approvals

| Logo                                                                               | Approval                             | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------------|------------------|
|  | UR<br>Underwriters Laboratories Inc. | UL 1977                  | E45171           |
|                                                                                    | UR<br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |



## Compatible products

### Protective Warning Marker



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

### Marking accessories



|                                                                                     |          |
|-------------------------------------------------------------------------------------|----------|
| <b>Item no.: 2009-115</b>                                                           | 2009-115 |
| WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type |          |



|                                                                                     |          |
|-------------------------------------------------------------------------------------|----------|
| <b>Item no.: 2009-115/000-002</b>                                                   | 2009-115 |
| WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type |          |



|                                                                                    |          |
|------------------------------------------------------------------------------------|----------|
| <b>Item no.: 2009-115/000-006</b>                                                  | 2009-115 |
| WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type |          |



|                                                                                     |          |
|-------------------------------------------------------------------------------------|----------|
| <b>Item no.: 2009-115/000-007</b>                                                   | 2009-115 |
| WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type |          |



|                                                                                    |          |
|------------------------------------------------------------------------------------|----------|
| <b>Item no.: 2009-115/000-012</b>                                                  | 2009-115 |
| WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type |          |



|                                                                                     |          |
|-------------------------------------------------------------------------------------|----------|
| <b>Item no.: 2009-115/000-017</b>                                                   | 2009-115 |
| WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type |          |



|                                                                                     |          |
|-------------------------------------------------------------------------------------|----------|
| <b>Item no.: 2009-115/000-023</b>                                                   | 2009-115 |
| WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type |          |



|                                                                                    |          |
|------------------------------------------------------------------------------------|----------|
| <b>Item no.: 2009-115/000-024</b>                                                  | 2009-115 |
| WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type |          |



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



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

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



**Item no.: 248-501/000-023**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-023

248-501



**Item no.: 248-501/000-024**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-024

248-501



**Item no.: 793-501**  
WMB marking card; as card; not stretchable; plain; snap-on type

793-501



**Item no.: 793-501/000-002**  
WMB marking card; as card; not stretchable; plain; snap-on type

/000-002

793-501



**Item no.: 793-501/000-005**  
WMB marking card; as card; not stretchable; plain; snap-on type

/000-005

793-501



**Item no.: 793-501/000-006**  
WMB marking card; as card; not stretchable; plain; snap-on type

/000-006

793-501



**Item no.: 793-501/000-007**  
WMB marking card; as card; not stretchable; plain; snap-on type

/000-007

793-501



**Item no.: 793-501/000-012**  
WMB marking card; as card; not stretchable; plain; snap-on type

/000-012

793-501



**Item no.: 793-501/000-017**  
WMB marking card; as card; not stretchable; plain; snap-on type

/000-017

793-501



**Item no.: 793-501/000-023**  
WMB marking card; as card; not stretchable; plain; snap-on type

/000-023

793-501



**Item no.: 793-501/000-024**  
WMB marking card; as card; not stretchable; plain; snap-on type

/000-024

793-501



**Item no.: 793-5501**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501



**Item no.: 793-5501/000-002**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

793-5501



**Item no.: 793-5501/000-005**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

793-5501



**Item no.: 793-5501/000-006**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

793-5501

**Item no.: 793-5501/000-007**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

793-5501

**Item no.: 793-5501/000-012**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

793-5501

**Item no.: 793-5501/000-017**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

793-5501

**Item no.: 793-5501/000-023**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

793-5501

**Item no.: 793-5501/000-024**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

793-5501

**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

**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

## 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

216-302

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

## Insulation stop



Item no.: 769-470

769-470

Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip

Item no.: 769-471

769-471

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

Item no.: 769-472

769-472

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

## Locking lever



Item no.: 769-428

769-428

Locking lever



Item no.: 769-429

769-429

Locking lever

## Downloads

## Documentation

## Bid Text

769-513/000-016

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## CAD/CAE - Smart Data

## CAD data

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URL

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## Product family

## X-COM

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Subject to changes.