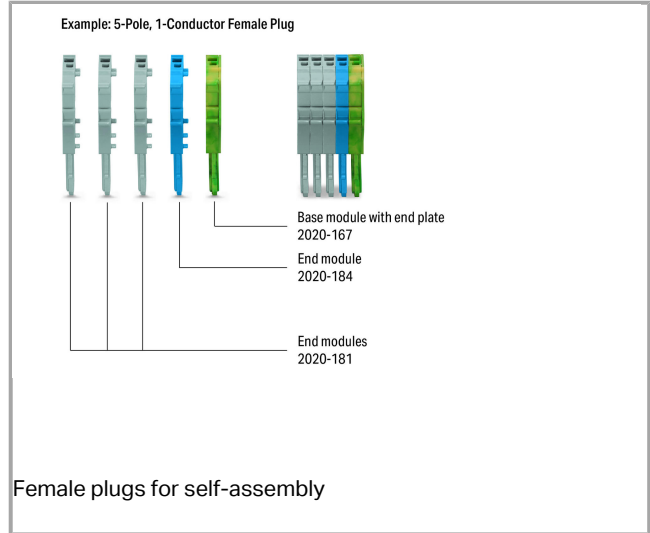
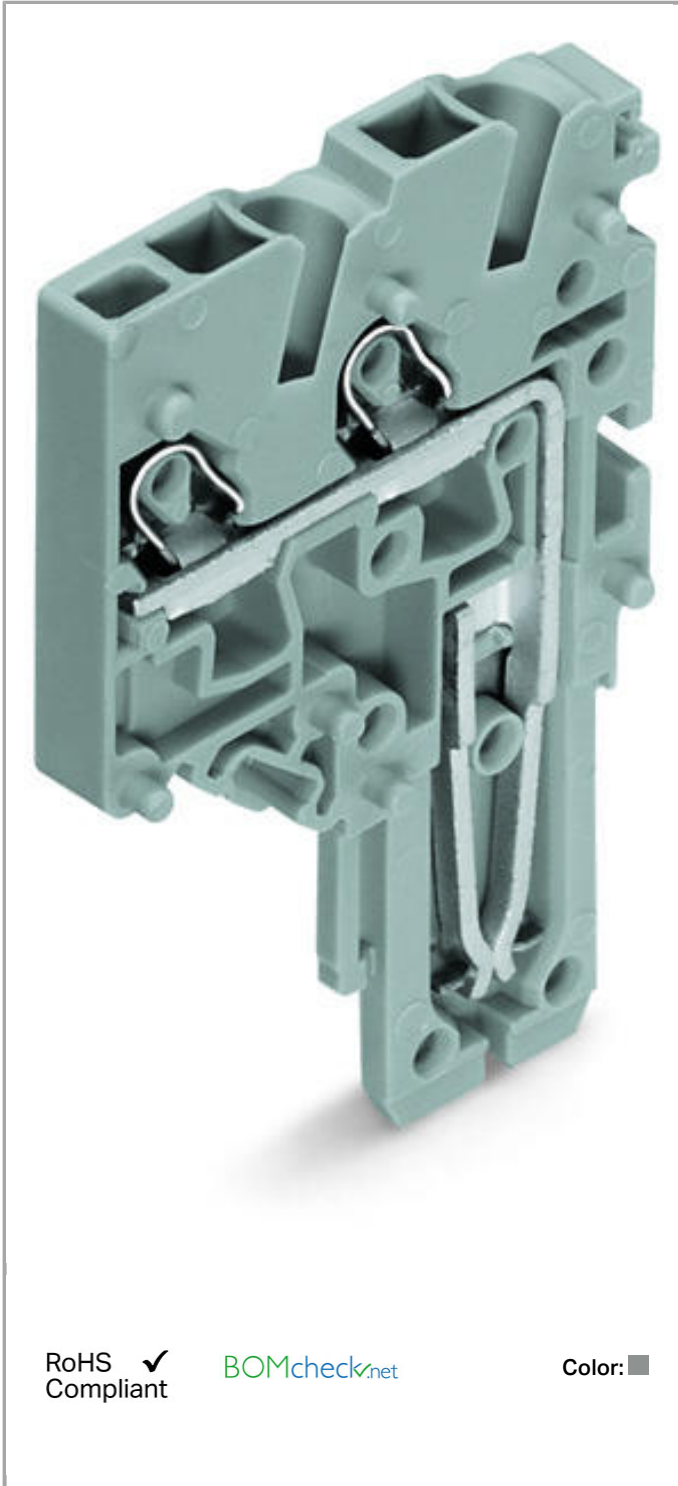


2020-281



RoHS
Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



Item description

Customizing Modular Female Plugs

WAGO's modular X-COM®S-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®S-SYSTEM-MINI female plug consists of:

- One base module with end plate
- Up to 14 end modules

Intended Use

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

Mounting

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 | 13.5 A |

Approvals per UL 1059

| | |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 15 A |
| Rated voltage UL (Use Group C) | 300 V |
| Rated current UL (Use Group C) | 15 A |
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 15 A |

Approvals per CSA

| | |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 10 A |
| Rated voltage CSA (Use Group C) | 300 V |
| Rated current CSA (Use Group C) | 10 A |



Connection data

| | |
|--------------------------------------|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Open Tool Slot Push-in |
| Connectable conductor materials | Copper |
| Nominal cross section | 1 mm ² |
| Solid conductor | 0.14 ... 1.5 mm ² / 24 ... 16 AWG |
| Solid conductor, push-in termination | 0.5 ... 1.5 mm ² / 20 ... 16 AWG |
| Fine-stranded conductor | 0.14 ... 1.5 mm ² / 24 ... 16 AWG |
| Strip length | 9 ... 11 mm / 0.35 ... 0.43 inch |
| Note (conductor cross-section) | Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination. |
| No. of poles | 1 |
| Total number of connection points | 2 |
| Total number of potentials | 1 |
| Type of wiring | Front-entry wiring |

Geometrical Data

| | |
|--------|----------------------|
| Width | 3.5 mm / 0.138 inch |
| Height | 40.5 mm / 1.594 inch |
| Depth | 25 mm / 0.984 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 | 0.044 MJ |
| Weight | 2.68 g |

Commercial data



| | |
|-------------------|-------------------|
| Product Group | 18 (X-COM-System) |
| Country of origin | CN |
| GTIN | 4050821245261 |

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 7617 |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 2516073 |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 2516073 |

Ship Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|---|--------------------------|--------------------------|
|  | ABS American Bureau of Shipping | EN 60947 | 14- HG1293677- PDA |
|  | BV Bureau Veritas S.A. | EN 60947 | 38586/A0 BV |
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |
|  | LR Lloyds Register | EN 60947 | 91/20112 (E9) |

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | UL UL International Germany GmbH | UL 1059 | E45172 |

Compatible products

Strain relief plate



Item no.: 734-327
Strain relief plate

734-327

Marking accessories



Item no.: 2009-113
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113



Item no.: 2009-113/000-002
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-002

2009-113



Item no.: 2009-113/000-005
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-005

2009-113



Item no.: 2009-113/000-006
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-006

2009-113



Item no.: 2009-113/000-007
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-007

2009-113



Item no.: 2009-113/000-012
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-012

2009-113



Item no.: 2009-113/000-017
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-017

2009-113



Item no.: 2009-113/000-023
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-023

2009-113



Item no.: 2009-113/000-024
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-024

2009-113



Item no.: 793-3501
WMB marking card; as card; plain; snap-on type

793-3501

Protective Warning Marker



Item no.: 2000-115
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

2000-115

tools

| | | |
|---|--|----------|
|  | Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short | 210-647 |
|  | Item no.: 210-648 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled | 210-648 |
|  | Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm | 210-719 |
| Locking lever | | |
|  | Item no.: 2022-141 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs | 2022-141 |
|  | Item no.: 2022-142 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs | 2022-142 |
|  | Item no.: 2022-151 Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more | 2022-151 |
|  | Item no.: 2022-152 Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more | 2022-152 |
| ferrule | | |
|  | Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-241 |
|  | Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-242 |
|  | Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-243 |

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Additional Information

| | | |
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CAD/CAE - Smart Data**CAD data**

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Product family

X-COM S

Show all products from the family

Subject to changes.
