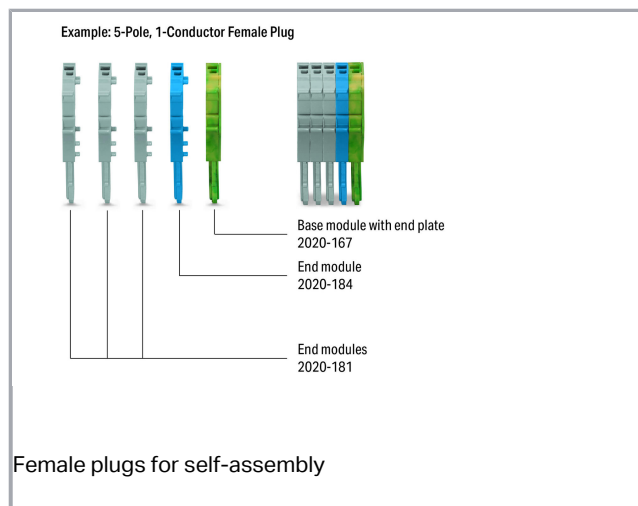


Fișă tehnică | Număr articol: 2020-264

Start module for 2-conductor female connector; with integrated end plate;
1.5 mm²; 1-pole; 1,50 mm²; blue

www.wago.com/2020-264



Supus modificărilor.

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RoHS 
Compliant



Culoare: 

Descriere articol

Customizing Modular Female Plugs

WAGO's modular X-COM®S-SYSTEM female plugs can be customized for applications that require a varying number 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 an end plate
- Up to 14 end modules

Intended Use

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

Assembly

The appropriate mounting tool shall be used to ensure 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 must not be mated or unmated when live or under load.

Safety information 2:

Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Date

Electrical data

Ratings per IEC/EN 60664-1

| Ratings per | IEC/EN 61984 |
|-----------------------------|---|
| Nominal voltage (III/3) | 500 V |
| Rated surge voltage (III/3) | 6 kV |
| Rated current | 13,5 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

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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 | UL 1059 |

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 |
| Fine-stranded conductor; with insulated ferrule | 0,5 ... 0,75 mm ² / 20 ... 18 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 0,5 ... 0,75 mm ² / 20 ... 18 AWG |
| Strip length | 9 ... 11 mm / 0.35 ... 0.43 inch |
| Pole No. | 1 |
| Total number of connection points | 2 |
| Total number of potentials | 1 |
| Wiring type | Front-entry wiring |
| Note (conductor cross-section) | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |

Geometrical Data

| | |
|-------|---------------------|
| Width | 4,2 mm / 0.165 inch |
|-------|---------------------|

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| | |
|--------|----------------------|
| 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 conductor |



Material Data

| | |
|---------------------|----------------------|
| Color | blue |
| Insulation material | Polyamide 66 (PA 66) |
| Fire load | 0,06 MJ |
| Weight | 3,2 g |

Commercial data

| | |
|-----------------------|-------------------|
| Product Group | 18 (X-COM-System) |
| Packaging type | bag |
| Country of origin | DE |
| GTIN | 4045454861285 |
| Customs tariff number | 85366990990 |

Aprobări / certificate**Country specific Approvals**

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|---------------------------------|------------------------------|-----------------|
|  | CCA DEKRA Certification B.V. | EN 60947 | NTR NL 7617 |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 2516073 |





Ship Approvals

Nume


Supus modificărilor.

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| Emblemă | Aprobare | Text de aprobare suplimentar | certificat |
|---|---|------------------------------|--------------------------|
|  | ABS American Bureau of Shipping | EN 60947 | 20- HG1941090- 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

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|--|------------------------------|--------------------|
|  | UL UL International Germany GmbH | UL 1059 | E45172 |

Counterpart

Produse compatibile















Locking lever

| | | |
|--|--|--|
|  | Nr. articol: 2022-141 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs; gray | www.wago.com/2022-141 |
|  | Nr. articol: 2022-142 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs; orange | www.wago.com/2022-142 |
| | Nr. articol: 2022-151 | |

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Aveți întrebări despre produsele noastre?
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| | | |
|--|--|--|
|  | Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more; gray | www.wago.com/2022-151 |
|  | Nr. articol: 2022-152 Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more; orange | www.wago.com/2022-152 |
| Protective Warning Marker | | |
|  | Nr. articol: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow | www.wago.com/2000-115 |
| tools | | |
|  | Nr. articol: 210-647 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft | www.wago.com/210-647 |
|  | Nr. articol: 210-648 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short | www.wago.com/210-648 |
|  | Nr. articol: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft | www.wago.com/210-719 |
| Marking accessories | | |
|  | Nr. articol: 2009-113 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white | www.wago.com/2009-113 |
|  | Nr. articol: 2009-113/000-002 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow | www.wago.com/2009-113/000-002 |
|  | Nr. articol: 2009-113/000-005 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red | www.wago.com/2009-113/000-005 |
|  | Nr. articol: 2009-113/000-006 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue | www.wago.com/2009-113/000-006 |
|  | Nr. articol: 2009-113/000-007 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray | www.wago.com/2009-113/000-007 |
|  | Nr. articol: 2009-113/000-012 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange | www.wago.com/2009-113/000-012 |
|  | Nr. articol: 2009-113/000-017 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green | www.wago.com/2009-113/000-017 |
|  | Nr. articol: 2009-113/000-023 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green | www.wago.com/2009-113/000-023 |

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Aveți întrebări despre produsele noastre?
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| | | |
|--|---|--|
|  | Nr. articol: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet | www.wago.com/2009-113/000-024 |
|  | Nr. articol: 793-3501 WMB marking card; as card; plain; snap-on type; white | www.wago.com/793-3501 |
| ferrule | | |
|  | Nr. articol: 216-241 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | www.wago.com/216-241 |
|  | Nr. articol: 216-242 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-242 |
|  | Nr. articol: 216-243 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | www.wago.com/216-243 |
| Strain relief plate | | |
|  | Nr. articol: 734-327 Strain relief plate; gray | www.wago.com/734-327 |

Descărcări

Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|------------|
| Technical explanations | Apr 3, 2019 | pdf 2,1 MB | Descărcare |
|------------------------|-------------|---------------|------------|

CAD/CAE-Data

CAD data

| | | |
|-----------------------|-----|------------|
| 2D/3D Models 2020-264 | URL | Descărcare |
|-----------------------|-----|------------|

CAE data

| | | |
|----------------------------|-----|------------|
| EPLAN Data Portal 2020-264 | URL | Descărcare |
|----------------------------|-----|------------|

| | | |
|-------------------------|-----|------------|
| WSCAD Universe 2020-264 | URL | Descărcare |
|-------------------------|-----|------------|

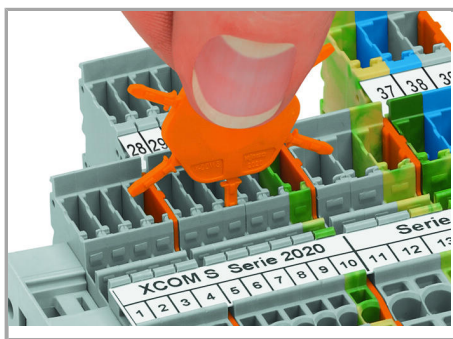
Installation Notes

Coding

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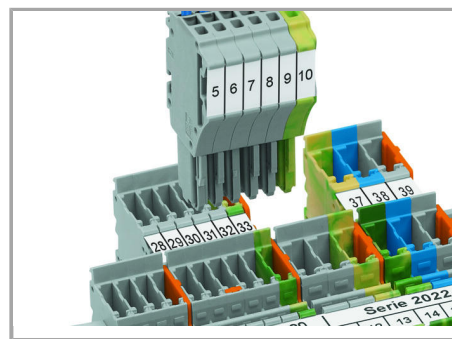
Aveți întrebări despre produsele noastre?
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Insert coding pin into the corresponding slot and twist it off.

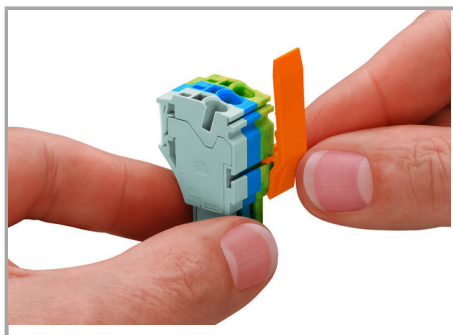


Coding a female plug: remove coding finger using a suitable tool.



Insert coded female connector into X-COM®S-SYSTEM terminal block assembly.

Locking lever



Slide the locking lever into position.



Female plugs can be individually locked.

Familie de produse

X-COM S

Afișare globală produse din familie.

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