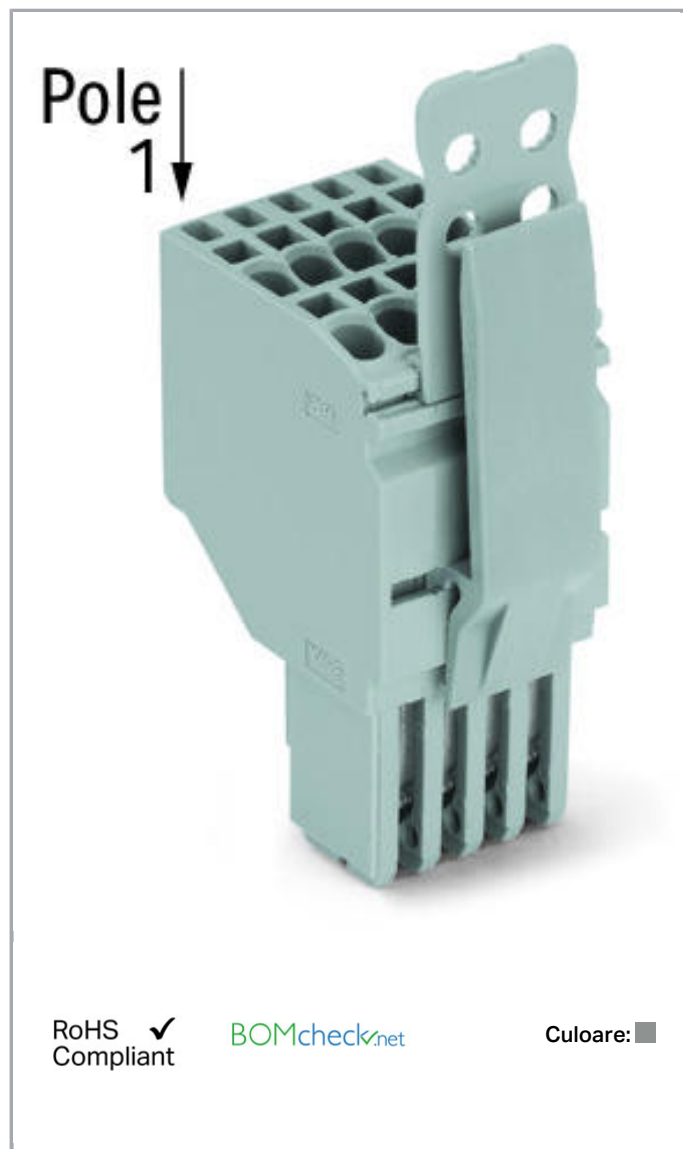


Fișă tehnică | Număr articol: 2020-202/142-000

2-conductor female connector; Strain relief plate; 1.5 mm<sup>2</sup>; 2-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2020-202/142-000](http://www.wago.com/2020-202/142-000)



## Descriere articol

### Safety information 1:

According to EN 61984, pluggable connectors without current interrupting capacity shall not be mated and 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.

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/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

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Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

## 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) $\hat{=}$ Overvoltage category III / Pollution degree 3 |

#### 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 |

#### Connection data

|  |   |
|--|---|
| Connection technology                                      | Push-in CAGE CLAMP®   |
| Actuation type   | Open Tool Slot<br>Push-in                                     |
| Connectable conductor materials                            | Copper  |
| Nominal cross-section                                      | 1 mm <sup>2</sup>   |
| Solid conductor  | 0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG                  |
| Solid conductor; push-in termination                       | 0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG                   |
| Fine-stranded conductor                                    | 0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG                  |
| Fine-stranded conductor; with insulated ferrule            | 0.5 ... 0.75 mm <sup>2</sup> / 20 ... 18 AWG                  |
| Fine-stranded conductor; with ferrule; push-in termination | 0.5 ... 0.75 mm <sup>2</sup> / 20 ... 18 AWG                  |
| Strip length   | 9 ... 11 mm / 0.35 ... 0.43 inch                              |
| Pole No.   | 2   |
| Total number of connection points                          | 4   |
| Total number of potentials                                 | 2   |
| Wiring type  | Front-entry wiring  |
| Note (conductor cross-section)                             | Depending on the conductor characteristic, a conductor with a |

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smaller cross section can also be inserted via push-in termination.

## Geometrical Data

|              |                      |
|--------------|----------------------|
| Width        | 7.7 mm / 0.303 inch  |
| Height       | 56.5 mm / 2.224 inch |
| Depth        | 29.8 mm / 1.173 inch |
| Module width | 3.5 mm / 0.138 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                 |
| Insulation material | Polyamide 66 (PA 66) |
| Fire load           | 0,119 MJ             |
| Weight              | 6,5 g                |

## Commercial data

|                       |                   |
|-----------------------|-------------------|
| Product Group         | 18 (X-COM-System) |
| Packaging type        | BOX               |
| Country of origin     | DE                |
| GTIN                  | 4050821092834     |
| Customs tariff number | 85366990990       |

## Aprobări / certificate

### Country specific Approvals


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

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DEKRA Certification B.V.







## UL-Approvals

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

## Counterpart

## Produse compatibile


## Marking accessories


|   |   |  |
|---|---|--|
|  | <b>Nr. articol: 2009-113</b><br>WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white          | <a href="http://www.wago.com/2009-113">www.wago.com/2009-113</a>                 |
|  | <b>Nr. articol: 2009-113/000-002</b><br>WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow | <a href="http://www.wago.com/2009-113/000-002">www.wago.com/2009-113/000-002</a> |
|  | <b>Nr. articol: 2009-113/000-005</b><br>WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red    | <a href="http://www.wago.com/2009-113/000-005">www.wago.com/2009-113/000-005</a> |
|  | <b>Nr. articol: 2009-113/000-006</b><br>WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue   | <a href="http://www.wago.com/2009-113/000-006">www.wago.com/2009-113/000-006</a> |
|  | <b>Nr. articol: 2009-113/000-007</b><br>WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray   | <a href="http://www.wago.com/2009-113/000-007">www.wago.com/2009-113/000-007</a> |
|  | <b>Nr. articol: 2009-113/000-012</b><br>WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange | <a href="http://www.wago.com/2009-113/000-012">www.wago.com/2009-113/000-012</a> |


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Sos. Pipera-Tunari nr. 1/1  
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|  |  |  |
|--|--|--|
|  | <b>Nr. articol: 2009-113/000-017</b><br>WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green | <a href="http://www.wago.com/2009-113/000-017">www.wago.com/2009-113/000-017</a> |
|--|--|--|

|  |  |  |
|--|--|--|
|  | <b>Nr. articol: 2009-113/000-023</b><br>WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green | <a href="http://www.wago.com/2009-113/000-023">www.wago.com/2009-113/000-023</a> |
|--|--|--|


|  |   |  |
|--|---|--|
|  | <b>Nr. articol: 2009-113/000-024</b><br>WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet | <a href="http://www.wago.com/2009-113/000-024">www.wago.com/2009-113/000-024</a> |
|--|---|--|


|  |   |  |
|--|---|--|
|  | <b>Nr. articol: 793-3501</b><br>WMB marking card; as card; plain; snap-on type; white | <a href="http://www.wago.com/793-3501">www.wago.com/793-3501</a> |
|--|---|--|


**Strain relief plate**

|  |  |  |
|--|--|--|
|  | <b>Nr. articol: 734-327</b><br>Strain relief plate; gray | <a href="http://www.wago.com/734-327">www.wago.com/734-327</a> |
|--|--|--|


**tools**


|  |  |  |
|--|--|--|
|  | <b>Nr. articol: 210-647</b><br>Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft | <a href="http://www.wago.com/210-647">www.wago.com/210-647</a> |
|--|--|--|


|  |   |  |
|--|---|--|
|  | <b>Nr. articol: 210-648</b><br>Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short | <a href="http://www.wago.com/210-648">www.wago.com/210-648</a> |
|--|---|--|


|   |  |  |
|---|--|--|
|  | <b>Nr. articol: 210-719</b><br>Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft | <a href="http://www.wago.com/210-719">www.wago.com/210-719</a> |
|---|--|--|

**Locking lever**


|  |  |  |
|--|--|--|
|  | <b>Nr. articol: 2022-141</b><br>Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs; gray | <a href="http://www.wago.com/2022-141">www.wago.com/2022-141</a> |
|--|--|--|


|  |  |  |
|--|--|--|
|  | <b>Nr. articol: 2022-142</b><br>Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs; orange | <a href="http://www.wago.com/2022-142">www.wago.com/2022-142</a> |
|--|--|--|


|  |   |  |
|--|---|--|
|  | <b>Nr. articol: 2022-151</b><br>Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more; gray | <a href="http://www.wago.com/2022-151">www.wago.com/2022-151</a> |
|--|---|--|

|  |   |  |
|--|---|--|
|  | <b>Nr. articol: 2022-152</b><br>Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more; orange | <a href="http://www.wago.com/2022-152">www.wago.com/2022-152</a> |
|--|---|--|

**ferrule**

|  |   |  |
|--|---|--|
|  | <b>Nr. articol: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | <a href="http://www.wago.com/216-241">www.wago.com/216-241</a> |
|--|---|--|

|  |   |  |
|--|---|--|
|  | <b>Nr. articol: 216-242</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <a href="http://www.wago.com/216-242">www.wago.com/216-242</a> |
|--|---|--|

|  |   |  |
|--|---|--|
|  | <b>Nr. articol: 216-243</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | <a href="http://www.wago.com/216-243">www.wago.com/216-243</a> |
|--|---|--|

**Protective Warning Marker**

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Nr. articol: 2000-115

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

[www.wago.com/2000-115](http://www.wago.com/2000-115)

## Descărcări Documentation

### Additional Information

Technical explanations

Apr 3, 2019

pdf  
2,1 MB

[Descărcare](#)

## CAD/CAE-Data

### CAD data

2D/3D Models 2020-202/142-000

[URL](#)

[Descărcare](#)

### CAE data

EPLAN Data Portal 2020-202/142-000

[URL](#)

[Descărcare](#)

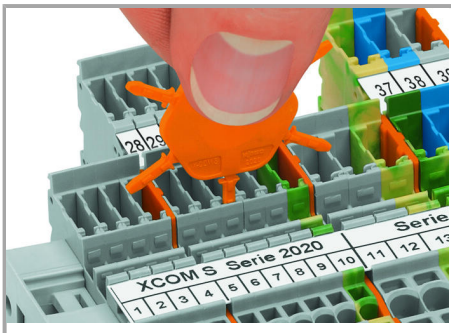
WSCAD Universe 2020-202/142-000

[URL](#)

[Descărcare](#)

## Installation Notes

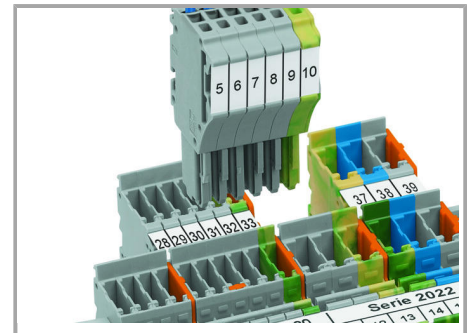
### Coding



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

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Slide the locking lever into position.



Female plugs can be individually locked.

## Familie de produse

### X-COM S-Mini

Afișare globală produse din familie.

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