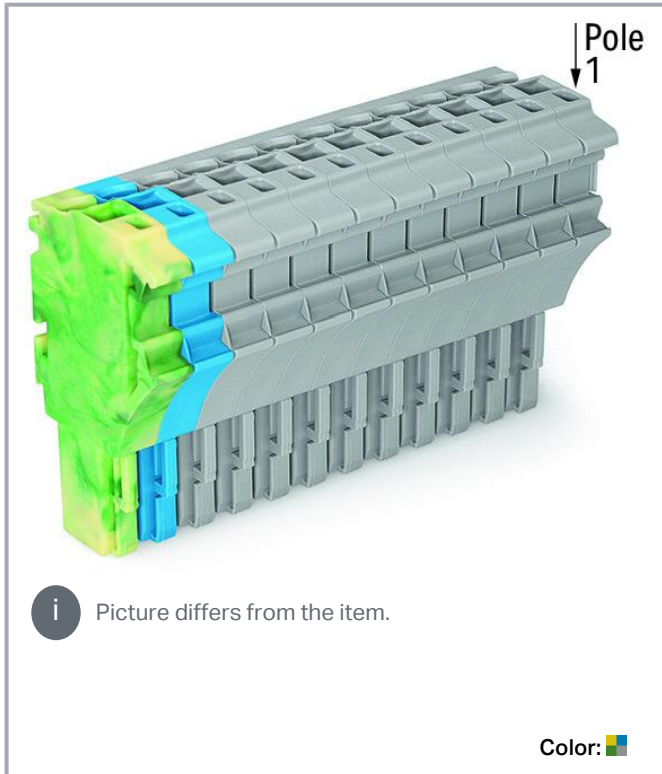


**Data sheet | Item number: 2022-114/000-039**

1-conductor female connector; Push-in CAGE CLAMP®; 4 mm<sup>2</sup>; Pin spacing 5.2 mm; 14-pole; 4,00 mm<sup>2</sup>; green-yellow/blue/gray

[www.wago.com/2022-114/000-039](http://www.wago.com/2022-114/000-039)



**Data  
Notes**

Safety information

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

**Electrical data**

**Ratings per IEC/EN**

| Ratings per                   | IEC/EN 61984 |
|-------------------------------|--------------|
| Nominal voltage (III/3)       | 690 V        |
| Rated impulse voltage (III/3) | 6 kV         |
| Rated current                 | 24 A         |

Subject to changes. Please also observe the further product documentation!

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|   |   |
|---|---|
| Current at conductor cross-section (max.) mm <sup>2</sup> | 32 A  |
| Legend (ratings)  | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

### Ratings per UL 1059

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 600 V   |
| Rated current UL (Use Group B) | 20 A    |
| Rated voltage UL (Use Group C) | 600 V   |
| Rated current UL (Use Group C) | 20 A    |

### Ratings per CSA

|                                 |                 |
|---------------------------------|-----------------|
| Approvals per                   | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group C) | 600 V           |
| Rated current CSA (Use Group C) | 20 A            |

### Connection data

|                            |    |
|----------------------------|----|
| Connection points          | 14 |
| Total number of potentials | 14 |

### Connection 1

|  |   |
|--|---|
| Connection technology                                      | Push-in CAGE CLAMP®   |
| Actuation type   | Operating tool  |
| Connectable conductor materials                            | Copper  |
| Nominal cross-section                                      | 2.5 mm <sup>2</sup>   |
| Solid conductor  | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG  |
| Solid conductor; push-in termination                       | 0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG  |
| Fine-stranded conductor                                    | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG  |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG  |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG   |
| Note (conductor cross-section)                             | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Strip length   | 10 ... 12 mm / 0.39 ... 0.47 inches   |
| Pole number  | 14  |
| Wiring direction   | Front-entry wiring  |

Subject to changes. Please also observe the further product documentation!



## Physical data

|              |                        |
|--------------|------------------------|
| Width        | 72.8 mm / 2.866 inches |
| Height       | 40.5 mm / 1.594 inches |
| Depth        | 22.4 mm / 0.882 inches |
| Module width | 5.2 mm / 0.205 inches  |

## Mechanical Data

|                          |              |
|--------------------------|--------------|
| Variable coding          | Yes          |
| Marking level            | Side marking |
| Anti-rotation protection | Yes          |

## Plug-in connection

|                                      |                         |
|--------------------------------------|-------------------------|
| Contact type (pluggable connector)   | Female connector/socket |
| Connector (connection type)          | for conductor           |
| Mismating protection                 | No                      |
| Plugging without loss of pin spacing | Yes                     |

## Material Data

|                             |  |
|-----------------------------|--|
| Note (material data)        | Information on material specifications can be found here |
| Color                       | green-yellow/blue/gray                                   |
| Material group              | I  |
| Insulation material         | Polyamide (PA66)   |
| Flammability class per UL94 | V0   |
| Fire load                   | 0.749 MJ   |
| Weight                      | 46.2 g   |

## Environmental requirements

|                                  |                 |
|----------------------------------|-----------------|
| Processing temperature           | -35 ... +85 °C  |
| Continuous operating temperature | -60 ... +105 °C |

## Commercial data

|               |                   |
|---------------|-------------------|
| Product Group | 18 (X-COM-System) |
| eCl@ss 10.0   | 27-14-11-06       |

Subject to changes. Please also observe the further product documentation!


|                       |               |
|-----------------------|---------------|
| eCl@ss 9.0            | 27-14-11-06   |
| ETIM 8.0              | EC001284      |
| ETIM 7.0              | EC001284      |
| PU (SPU)              | 25 pcs        |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4045454915889 |
| Customs tariff number | 85366990990   |

## Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|






## Approvals / Certificates

### General approvals

| Logo  | Approval                        | Additional Approval Text | Certificate name |
|---|---------------------------------|--------------------------|------------------|
|  | CSA<br>DEKRA Certification B.V. | C22.2 No. 158            | 2437422          |

## Optional accessories














### Marking accessories

| Marking strip  |  |  |
|--|--|--|
|  | <b>Item no.: 2009-110</b><br>Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white | <a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a> |
|  | <b>Item no.: 210-831</b><br>Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white                        | <a href="http://www.wago.com/210-831">www.wago.com/210-831</a>   |
|  | <b>Item no.: 210-833</b><br>Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white                     | <a href="http://www.wago.com/210-833">www.wago.com/210-833</a>   |
|  | <b>Item no.: 210-834</b><br>Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white                          | <a href="http://www.wago.com/210-834">www.wago.com/210-834</a>   |
|  | <b>Item no.: 210-832</b><br>Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white                          | <a href="http://www.wago.com/210-832">www.wago.com/210-832</a>   |
| Label  |  |  |

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|  |  |  |
|--|--|--|
|    | <b>Item no.: 210-805</b><br>Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white  | <a href="http://www.wago.com/210-805">www.wago.com/210-805</a>                 |
|    | <b>Item no.: 210-805/000-002</b><br>Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow   | <a href="http://www.wago.com/210-805/000-002">www.wago.com/210-805/000-002</a> |
| <b>Marker</b>  |  |  |
|    | <b>Item no.: 2009-115</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white  | <a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>               |
|    | <b>Item no.: 793-5501</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white   | <a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>               |
| <b>Tool</b>  |  |  |
| Operating tool   |  |  |
|    | <b>Item no.: 210-720</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured   | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a>                 |
| <b>Locking levers</b>  |  |  |
| Locking system   |  |  |
|   | <b>Item no.: 2022-151</b><br>Locking lever; gray   | <a href="http://www.wago.com/2022-151">www.wago.com/2022-151</a>               |
|  | <b>Item no.: 2022-152</b><br>Locking lever; orange   | <a href="http://www.wago.com/2022-152">www.wago.com/2022-152</a>               |
| <b>Ferrule</b>   |  |  |
| Ferrule  |  |  |
|   | <b>Item no.: 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>Item no.: 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>Item no.: 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>                 |
|   | <b>Item no.: 216-244</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <a href="http://www.wago.com/216-244">www.wago.com/216-244</a>                 |
|   | <b>Item no.: 216-263</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/216-263">www.wago.com/216-263</a>                 |
|   | <b>Item no.: 216-246</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight   | <a href="http://www.wago.com/216-246">www.wago.com/216-246</a>                 |



Subject to changes. Please also observe the further product documentation!

crimped; acc. to DIN 46228, Part 4/09.90; blue

|   |  |  |
|---|--|--|
|  | <b>Item no.: 216-266</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue  | <a href="http://www.wago.com/216-266">www.wago.com/216-266</a> |
|  | <b>Item no.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <a href="http://www.wago.com/216-264">www.wago.com/216-264</a> |
|  | <b>Item no.: 216-284</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <a href="http://www.wago.com/216-284">www.wago.com/216-284</a> |
|  | <b>Item no.: 216-286</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue  | <a href="http://www.wago.com/216-286">www.wago.com/216-286</a> |
|  | <b>Item no.: 216-262</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/216-262">www.wago.com/216-262</a> |


#### Insulation stop

Insulation stop

|   |   |  |
|---|---|--|
|   | <b>Item no.: 2002-171</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray | <a href="http://www.wago.com/2002-171">www.wago.com/2002-171</a> |
|  | <b>Item no.: 2002-172</b><br>Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip; dark gray    | <a href="http://www.wago.com/2002-172">www.wago.com/2002-172</a> |


#### Strain relief

Strain relief plate

|  |   |  |
|--|---|--|
|  | <b>Item no.: 734-430</b><br>Strain relief plate; for female and male connectors; 1 part; gray | <a href="http://www.wago.com/734-430">www.wago.com/734-430</a> |
|--|---|--|

#### Protective warning marker

Cover

|  |  |  |
|--|--|--|
|  | <b>Item no.: 2002-115</b><br>Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow | <a href="http://www.wago.com/2002-115">www.wago.com/2002-115</a> |
|--|--|--|

## Downloads

### Documentation

#### Bid Text

|                  |             |        |          |
|------------------|-------------|--------|----------|
| 2022-114/000-039 | 2019 May 17 | xml    | Download |
| X81 - Datei      |             | 4.3 kB |          |

2022-114/000-039

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|              |             |                 |          |
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| docx - Datei | 2019 May 14 | docx<br>15.8 kB | Download |
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**Additional Information**

|   |  |               |          |
|---|--|---------------|----------|
| Technical Section<br>Technical explanations |  | pdf<br>2.2 MB | Download |
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**CAD/CAE-Data**

**CAD data**

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| 2D/3D Models 2022-114/000-039 |  | URL | Download |
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**CAE data**

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**Environmental Product Compliance**

**Compliance Search**

|   |  |     |          |
|---|--|-----|----------|
| Environmental Product Compliance 2022-114/000-039<br>1-conductor female connector; Push-in CAGE CLAMP®; 4 mm²; Pin spacing 5.2 mm;<br>14-pole; 4,00 mm²; green-yellow/blue/gray |  | URL | Download |
|---|--|-----|----------|

**Installation Notes**

**Coding**

Subject to changes. Please also observe the further product documentation!



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 plug into X-COM®S-SYSTEM terminal block assembly.

## Product family

### X-COM S

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!