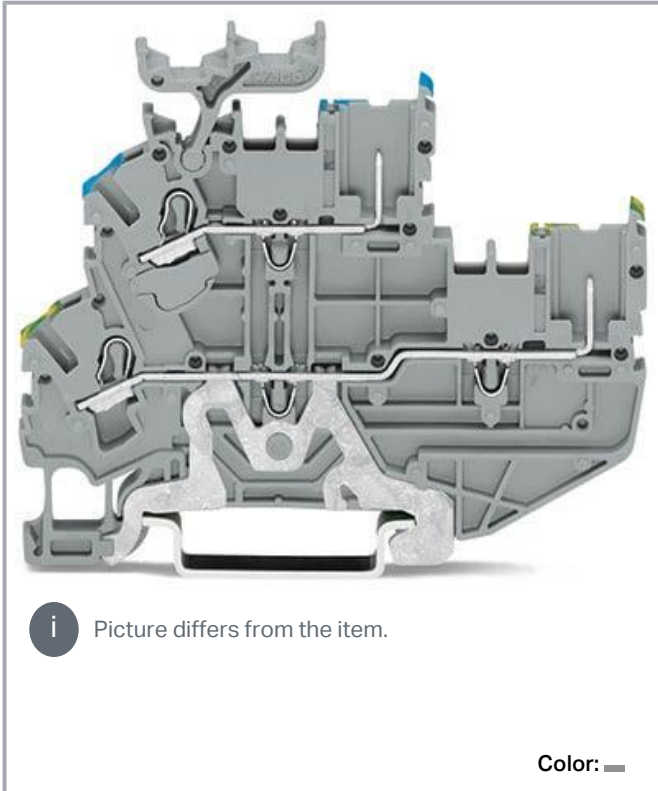


**Data sheet | Item number: 2022-2257**

1-conductor/1-pin double deck receptacle terminal block; Ground conductor /through terminal block; 2.5 mm<sup>2</sup>; PE/L; with marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2022-2257](http://www.wago.com/2022-2257)



**Data**

**Electrical data**

**Ratings per IEC/EN**

| Ratings per   | IEC/EN 60947-7-1  |
|---|---|
| Nominal voltage (III/3)                                   | 690 V   |
| Rated impulse voltage (III/3)                             | 6 kV  |
| Rated current   | 24 A  |
| Current at conductor cross-section (max.) mm <sup>2</sup> | 28 A  |
| Legend (ratings)  | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

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

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### 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            |

### Power loss

|  |                |
|--|----------------|
| Power loss, per pole (potential)                             | 0.766 W        |
| Rated current $I_N$ for specified power loss                 | 24 A           |
| Resistance value for specified, current-dependent power loss | 0.001 $\Omega$ |

### Connection data

|                              |   |
|------------------------------|---|
| Connection points            | 2 |
| Female plug slots            | 2 |
| Total number of potentials   | 2 |
| Number of levels             | 2 |
| Number of jumper slots       | 4 |
| Anzahl Brückeraufnahmen Rang | 1 |

### 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 |

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



|  |   |
|--|---|
| 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   |
| Wiring direction   | Front-entry wiring  |

### Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 5.2 mm / 0.205 inches  |
| Height                            | 80.1 mm / 3.154 inches |
| Depth from upper-edge of DIN-rail | 61.4 mm / 2.417 inches |

### Mechanical Data

|                   |                 |
|-------------------|-----------------|
| Potential marking | PE/L            |
| Design            | horizontal type |
| Mounting type     | DIN-35 rail     |
| Marking level     | Side marking    |

### Material Data

|                             |  |
|-----------------------------|--|
| Note (material data)        | Information on material specifications can be found <a href="#">here</a> |
| Color                       | gray   |
| Material group              | I  |
| Insulation material         | Polyamide (PA66)   |
| Flammability class per UL94 | V0   |
| Fire load                   | 0.267 MJ   |
| Weight                      | 15.1 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   | 27-14-11-41       |
| eCl@ss 9.0    | 27-14-11-41       |
| ETIM 8.0      | EC000901          |

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




|                       |               |
|-----------------------|---------------|
| ETIM 7.0              | EC000901      |
| PU (SPU)              | 50 pcs        |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4045454994792 |
| 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          |
|   | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | 71-<br>116567    |
|  | UL<br>Underwriters Laboratories Inc.  | UL 1059                  | E45172           |

### Declarations of conformity and manufacturer's declarations

| Logo   | Approval   | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |
|  | UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |





### Approvals for marine applications

| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
|      |          |                          |                  |


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|   |   |          |                          |
|---|---|----------|--------------------------|
|   | <b>ABS</b><br>American Bureau of Shipping               | EN 60947 | 20-<br>HG1941090-<br>PDA |
|  | <b>BV</b><br>Bureau Veritas S.A.                        | EN 60947 | 38586/B0 BV              |
|   | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -        | TAE00001V2               |
|  | <b>LR</b><br>Lloyds Register                            | EN 60947 | 91/20112<br>(E9)         |



## Counterpart

|   |  |  |
|---|--|--|
|  | <b>Item no.2022-101</b><br>1-conductor female connector; Push-in CAGE CLAMP®; 4 mm²; Pin spacing 5.2 mm; 1-pole; 4,00 mm²;<br>gray | <a href="http://www.wago.com/2022-101">www.wago.com/2022-101</a> |
|---|--|--|

## Required accessories

### End plate



End plate

|  |  |  |
|--|--|--|
|  | <b>Item no.: 2022-2291</b><br>End and intermediate plate; 1 mm thick; gray   | <a href="http://www.wago.com/2022-2291">www.wago.com/2022-2291</a> |
|  | <b>Item no.: 2022-2292</b><br>End and intermediate plate; 1 mm thick; orange | <a href="http://www.wago.com/2022-2292">www.wago.com/2022-2292</a> |

## Optional accessories

### Insulation stop

Insulation stop

|  |  |  |
|--|--|--|
|  | <b>Item no.: 2002-171</b><br>Insulation stop; 0.25 - 0.5 mm²; 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 mm²; 5 pieces/strip; dark gray    | <a href="http://www.wago.com/2002-172">www.wago.com/2002-172</a> |

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

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**Testing and measuring**


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## Testing accessories

**Item no.: 859-500**WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 10 mm uninsulated; Test lead for soldering up to 0,5mm<sup>2</sup> [www.wago.com/859-500](http://www.wago.com/859-500)


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**Tool**


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## Operating tool

**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-720](http://www.wago.com/210-720)


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**Ferrule**


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## Ferrule

**Item no.: 216-241**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[www.wago.com/216-241](http://www.wago.com/216-241)**Item no.: 216-242**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[www.wago.com/216-242](http://www.wago.com/216-242)**Item no.: 216-243**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[www.wago.com/216-243](http://www.wago.com/216-243)**Item no.: 216-244**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[www.wago.com/216-244](http://www.wago.com/216-244)**Item no.: 216-263**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[www.wago.com/216-263](http://www.wago.com/216-263)**Item no.: 216-246**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[www.wago.com/216-246](http://www.wago.com/216-246)**Item no.: 216-266**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[www.wago.com/216-266](http://www.wago.com/216-266)**Item no.: 216-264**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[www.wago.com/216-264](http://www.wago.com/216-264)**Item no.: 216-284**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[www.wago.com/216-284](http://www.wago.com/216-284)**Item no.: 216-286**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[www.wago.com/216-286](http://www.wago.com/216-286)**Item no.: 216-262**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[www.wago.com/216-262](http://www.wago.com/216-262)

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

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### Push-in type wire jumper

#### Jumper



**Item no.: 2009-412**  
Push-in type wire jumper; insulated; 60 mm long; black

[www.wago.com/2009-412](http://www.wago.com/2009-412)



**Item no.: 2009-414**  
Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black

[www.wago.com/2009-414](http://www.wago.com/2009-414)



**Item no.: 2009-416**  
Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 250 mm long; black

[www.wago.com/2009-416](http://www.wago.com/2009-416)



**Item no.: 2009-414/000-005**  
Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black

[www.wago.com/2009-414/000-005](http://www.wago.com/2009-414/000-005)



**Item no.: 2009-414/000-006**  
Push-in type wire jumper; insulated; 110 mm long; black

[www.wago.com/2009-414/000-006](http://www.wago.com/2009-414/000-006)

### Protective warning marker

#### Cover



**Item no.: 2002-115**  
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

[www.wago.com/2002-115](http://www.wago.com/2002-115)

### Marking accessories

#### Marking strip



**Item no.: 2009-110**  
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

[www.wago.com/2009-110](http://www.wago.com/2009-110)

#### Marker carrier



**Item no.: 2009-198**  
Adaptor; gray

[www.wago.com/2009-198](http://www.wago.com/2009-198)

#### Marker



**Item no.: 2009-145**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-145](http://www.wago.com/2009-145)



**Item no.: 2009-115**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)



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

[www.wago.com/248-501](http://www.wago.com/248-501)



**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; white

[www.wago.com/793-5501](http://www.wago.com/793-5501)

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

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## Coding

## Coding



**Item no.: 2022-100**  
Carrier with 6 coding pins; for coding of female plugs; orange

[www.wago.com/2022-100](http://www.wago.com/2022-100)

## Jumpers

## Jumper



**Item no.: 210-123**  
Wire commoning chain; insulated; blue

[www.wago.com/210-123](http://www.wago.com/210-123)



**Item no.: 2002-402**  
Jumper; 2-way; insulated; light gray

[www.wago.com/2002-402](http://www.wago.com/2002-402)



**Item no.: 2002-402/000-005**  
Jumper; 2-way; insulated; red

[www.wago.com/2002-402/000-005](http://www.wago.com/2002-402/000-005)



**Item no.: 2002-400**  
Continuous jumper; 2-way; insulated; light gray

[www.wago.com/2002-400](http://www.wago.com/2002-400)



**Item no.: 2002-403**  
Jumper; 3-way; insulated; light gray

[www.wago.com/2002-403](http://www.wago.com/2002-403)



**Item no.: 2002-404/000-005**  
Jumper; 4-way; insulated; red

[www.wago.com/2002-404/000-005](http://www.wago.com/2002-404/000-005)



**Item no.: 2002-403/000-006**  
Jumper; 3-way; insulated; blue

[www.wago.com/2002-403/000-006](http://www.wago.com/2002-403/000-006)



**Item no.: 2002-404/000-006**  
Jumper; 4-way; insulated; blue

[www.wago.com/2002-404/000-006](http://www.wago.com/2002-404/000-006)



**Item no.: 2002-403/000-005**  
Jumper; 3-way; insulated; red

[www.wago.com/2002-403/000-005](http://www.wago.com/2002-403/000-005)



**Item no.: 2002-405/000-005**  
Jumper; 5-way; insulated; red

[www.wago.com/2002-405/000-005](http://www.wago.com/2002-405/000-005)



**Item no.: 2002-402/000-006**  
Jumper; 2-way; insulated; blue

[www.wago.com/2002-402/000-006](http://www.wago.com/2002-402/000-006)

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





**Item no.:** 2002-405/000-006  
Jumper; 5-way; insulated; blue

[www.wago.com/2002-405/000-006](http://www.wago.com/2002-405/000-006)



**Item no.:** 2002-404  
Jumper; 4-way; insulated; light gray

[www.wago.com/2002-404](http://www.wago.com/2002-404)



**Item no.:** 2002-406/000-006  
Jumper; 6-way; insulated; blue

[www.wago.com/2002-406/000-006](http://www.wago.com/2002-406/000-006)



**Item no.:** 2002-406/000-005  
Jumper; 6-way; insulated; red

[www.wago.com/2002-406/000-005](http://www.wago.com/2002-406/000-005)



**Item no.:** 2002-406/020-000  
Delta jumper; insulated; light gray

[www.wago.com/2002-406/020-000](http://www.wago.com/2002-406/020-000)



**Item no.:** 2002-405  
Jumper; 5-way; insulated; light gray

[www.wago.com/2002-405](http://www.wago.com/2002-405)



**Item no.:** 2002-407/000-005  
Jumper; 7-way; insulated; red

[www.wago.com/2002-407/000-005](http://www.wago.com/2002-407/000-005)



**Item no.:** 2002-408  
Jumper; 8-way; insulated; light gray

[www.wago.com/2002-408](http://www.wago.com/2002-408)



**Item no.:** 2002-408/000-006  
Jumper; 8-way; insulated; blue

[www.wago.com/2002-408/000-006](http://www.wago.com/2002-408/000-006)



**Item no.:** 2002-405/011-000  
Star point jumper; 3-way; insulated; light gray

[www.wago.com/2002-405/011-000](http://www.wago.com/2002-405/011-000)



**Item no.:** 2002-407/000-006  
Jumper; 7-way; insulated; blue















[www.wago.com/2002-407/000-006](http://www.wago.com/2002-407/000-006)



















**Item no.:** 2002-408/000-005  
Jumper; 8-way; insulated; red

[www.wago.com/2002-408/000-005](http://www.wago.com/2002-408/000-005)







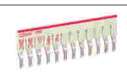







Subject to changes. Please also observe the further product documentation!

|  |  |  |
|--|--|--|
|    | <b>Item no.: 2002-407</b><br>Jumper; 7-way; insulated; light gray                    | <a href="http://www.wago.com/2002-407">www.wago.com/2002-407</a>                 |
|    | <b>Item no.: 2002-406</b><br>Jumper; 6-way; insulated; light gray                    | <a href="http://www.wago.com/2002-406">www.wago.com/2002-406</a>                 |
|    | <b>Item no.: 2002-410/000-005</b><br>Jumper; 10-way; insulated; red                  | <a href="http://www.wago.com/2002-410/000-005">www.wago.com/2002-410/000-005</a> |
|    | <b>Item no.: 2002-410/000-006</b><br>Jumper; 10-way; insulated; blue                 | <a href="http://www.wago.com/2002-410/000-006">www.wago.com/2002-410/000-006</a> |
|    | <b>Item no.: 2002-410</b><br>Jumper; 10-way; insulated; light gray                   | <a href="http://www.wago.com/2002-410">www.wago.com/2002-410</a>                 |
|    | <b>Item no.: 2002-409/000-006</b><br>Jumper; 9-way; insulated; blue                  | <a href="http://www.wago.com/2002-409/000-006">www.wago.com/2002-409/000-006</a> |
|   | <b>Item no.: 2002-409/000-005</b><br>Jumper; 9-way; insulated; red                   | <a href="http://www.wago.com/2002-409/000-005">www.wago.com/2002-409/000-005</a> |
|  | <b>Item no.: 2002-409</b><br>Jumper; 9-way; insulated; light gray                    | <a href="http://www.wago.com/2002-409">www.wago.com/2002-409</a>                 |
|   | <b>Item no.: 2002-423/000-006</b><br>Continuous jumper; from 1 to 3; insulated; blue | <a href="http://www.wago.com/2002-423/000-006">www.wago.com/2002-423/000-006</a> |
|   | <b>Item no.: 2002-423</b><br>Continuous jumper; from 1 to 3; insulated; light gray   | <a href="http://www.wago.com/2002-423">www.wago.com/2002-423</a>                 |
|   | <b>Item no.: 2002-433</b><br>Jumper; from 1 to 3; insulated; light gray              | <a href="http://www.wago.com/2002-433">www.wago.com/2002-433</a>                 |
|   | <b>Item no.: 2002-434</b><br>Jumper; from 1 to 4; insulated; light gray              | <a href="http://www.wago.com/2002-434">www.wago.com/2002-434</a>                 |
|   | <b>Item no.: 2002-423/000-005</b><br>Continuous jumper; from 1 to 3; insulated; red  | <a href="http://www.wago.com/2002-423/000-005">www.wago.com/2002-423/000-005</a> |
|   | <b>Item no.: 2002-435</b>  | <a href="http://www.wago.com/2002-435">www.wago.com/2002-435</a>                 |

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

|  |  |  |
|--|--|--|
|  | Jumper; from 1 to 5; insulated; light gray   |  |
|    | <b>Item no.: 2022-436</b><br>Jumper; from 1 to 6; insulated; light gray                          | <a href="http://www.wago.com/2022-436">www.wago.com/2022-436</a>                 |
|    | <b>Item no.: 2022-437</b><br>Jumper; from 1 to 7; insulated; light gray                          | <a href="http://www.wago.com/2022-437">www.wago.com/2022-437</a>                 |
|    | <b>Item no.: 2022-438</b><br>Jumper; from 1 to 8; insulated; light gray                          | <a href="http://www.wago.com/2022-438">www.wago.com/2022-438</a>                 |
|    | <b>Item no.: 2022-439</b><br>Jumper; from 1 to 9; insulated; light gray                          | <a href="http://www.wago.com/2022-439">www.wago.com/2022-439</a>                 |
|    | <b>Item no.: 2022-440</b><br>Jumper; from 1 to 10; insulated; light gray                         | <a href="http://www.wago.com/2022-440">www.wago.com/2022-440</a>                 |
|    | <b>Item no.: 2022-472</b><br>Staggered jumper; 2-way; insulated; light gray                      | <a href="http://www.wago.com/2022-472">www.wago.com/2022-472</a>                 |
|    | <b>Item no.: 2022-473</b><br>Staggered jumper; 3-way; insulated; light gray                      | <a href="http://www.wago.com/2022-473">www.wago.com/2022-473</a>                 |
|    | <b>Item no.: 2022-475/011-000</b><br>Staggered jumper; 3-way; insulated; light gray              | <a href="http://www.wago.com/2022-475/011-000">www.wago.com/2022-475/011-000</a> |
|   | <b>Item no.: 2022-475</b><br>Staggered jumper; 5-way; insulated; light gray                      | <a href="http://www.wago.com/2022-475">www.wago.com/2022-475</a>                 |
|  | <b>Item no.: 2022-476</b><br>Staggered jumper; 6-way; insulated; light gray                      | <a href="http://www.wago.com/2022-476">www.wago.com/2022-476</a>                 |
|  | <b>Item no.: 2022-474</b><br>Staggered jumper; 4-way; insulated; light gray                      | <a href="http://www.wago.com/2022-474">www.wago.com/2022-474</a>                 |
|  | <b>Item no.: 2022-477</b><br>Staggered jumper; 7-way; insulated; light gray                      | <a href="http://www.wago.com/2022-477">www.wago.com/2022-477</a>                 |
|  | <b>Item no.: 2022-473/011-000</b><br>Staggered jumper; 2-way; from 1 to 3; insulated; light gray | <a href="http://www.wago.com/2022-473/011-000">www.wago.com/2022-473/011-000</a> |
|  | <b>Item no.: 2022-479</b><br>Staggered jumper; 9-way; insulated; light gray                      | <a href="http://www.wago.com/2022-479">www.wago.com/2022-479</a>                 |
|  | <b>Item no.: 2022-478</b><br>Staggered jumper; 8-way; insulated; light gray                      | <a href="http://www.wago.com/2022-478">www.wago.com/2022-478</a>                 |
|  | <b>Item no.: 2022-479/011-000</b><br>Staggered jumper; insulated; light gray                     | <a href="http://www.wago.com/2022-479/011-000">www.wago.com/2022-479/011-000</a> |

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

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|--|---|--|
|    | <b>Item no.: 2002-480</b><br>Staggered jumper; 10-way; insulated; light gray  | <a href="http://www.wago.com/2002-480">www.wago.com/2002-480</a>                 |
|    | <b>Item no.: 2002-477/011-000</b><br>Staggered jumper; insulated; light gray  | <a href="http://www.wago.com/2002-477/011-000">www.wago.com/2002-477/011-000</a> |
|     | <b>Item no.: 2002-492</b><br>Vertical jumper; insulated; light gray   | <a href="http://www.wago.com/2002-492">www.wago.com/2002-492</a>                 |
|    | <b>Item no.: 2002-481/011-000</b><br>Staggered jumper; insulated; light gray  | <a href="http://www.wago.com/2002-481/011-000">www.wago.com/2002-481/011-000</a> |
|    | <b>Item no.: 2002-481</b><br>Staggered jumper; 11-way; insulated; light gray  | <a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>                 |
|     | <b>Item no.: 2002-492/000-012</b><br>Vertical jumper; insulated; orange   | <a href="http://www.wago.com/2002-492/000-012">www.wago.com/2002-492/000-012</a> |
|    | <b>Item no.: 2002-482</b><br>Staggered jumper; 12-way; insulated; light gray  | <a href="http://www.wago.com/2002-482">www.wago.com/2002-482</a>                 |
|    | <b>Item no.: 210-103</b><br>Wire commoning chain; insulated; black  | <a href="http://www.wago.com/210-103">www.wago.com/210-103</a>                   |
|  | <b>Item no.: 2002-424/000-006</b><br>Continuous jumper; from 1 to 4; insulated; blue  | <a href="http://www.wago.com/2002-424/000-006">www.wago.com/2002-424/000-006</a> |
| <b>Carrier rail</b>  |   |  |
| Mounting accessories   |   |  |
|  | <b>Item no.: 210-197</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored                | <a href="http://www.wago.com/210-197">www.wago.com/210-197</a>                   |
|  | <b>Item no.: 210-198</b><br>Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored           | <a href="http://www.wago.com/210-198">www.wago.com/210-198</a>                   |
|  | <b>Item no.: 210-504</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored   | <a href="http://www.wago.com/210-504">www.wago.com/210-504</a>                   |
|  | <b>Item no.: 210-505</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored | <a href="http://www.wago.com/210-505">www.wago.com/210-505</a>                   |
|  | <b>Item no.: 210-506</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored  | <a href="http://www.wago.com/210-506">www.wago.com/210-506</a>                   |

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

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|--|--|--|
|  | <b>Item no.: 210-508</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored         | <a href="http://www.wago.com/210-508">www.wago.com/210-508</a> |
|  | <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                  | <a href="http://www.wago.com/210-113">www.wago.com/210-113</a> |
|  | <b>Item no.: 210-118</b><br>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                 | <a href="http://www.wago.com/210-118">www.wago.com/210-118</a> |
|  | <b>Item no.: 210-112</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored | <a href="http://www.wago.com/210-112">www.wago.com/210-112</a> |
|  | <b>Item no.: 210-114</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored                   | <a href="http://www.wago.com/210-114">www.wago.com/210-114</a> |
|  | <b>Item no.: 210-115</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored | <a href="http://www.wago.com/210-115">www.wago.com/210-115</a> |
|  | <b>Item no.: 210-196</b><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored               | <a href="http://www.wago.com/210-196">www.wago.com/210-196</a> |

## Downloads

### Documentation

#### Bid Text

|                           |             |                 |          |
|---------------------------|-------------|-----------------|----------|
| 2022-2257<br>docx - Datei | 2019 May 14 | docx<br>16.0 kB | Download |
| 2022-2257<br>X81 - Datei  | 2019 Feb 19 | xml<br>4.2 kB   | Download |

#### Additional Information

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

#### CAD data

|                        |     |          |
|------------------------|-----|----------|
| 2D/3D Models 2022-2257 | URL | Download |
|------------------------|-----|----------|

#### CAE data

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

EPLAN Data Portal 2022-2257

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WSCAD Universe 2022-2257

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2022-2257

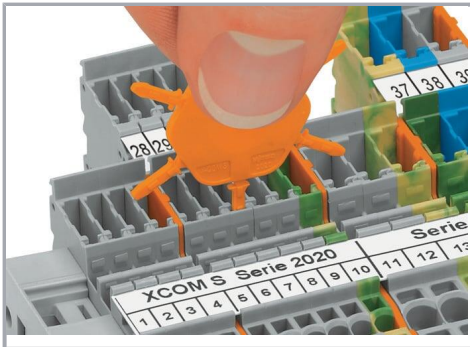
[URL](#)

[Download](#)

1-conductor/1-pin double deck receptacle terminal block; Ground conductor /through terminal block; 2.5 mm<sup>2</sup>; PE/L; with marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

## 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.

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

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Hansastr. 27

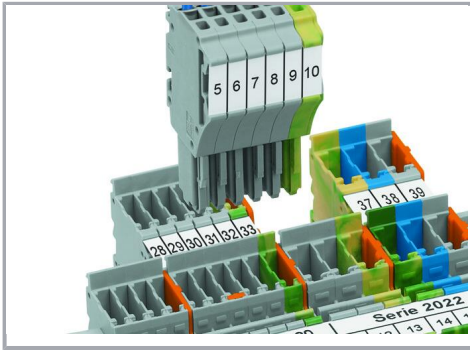
32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

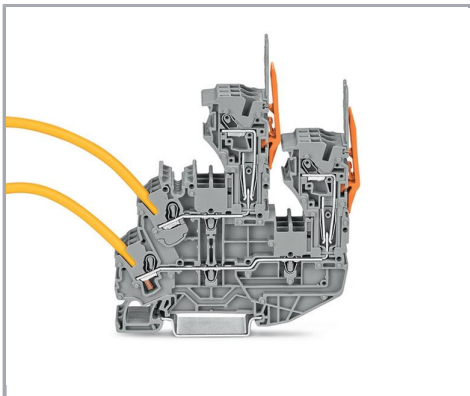
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



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



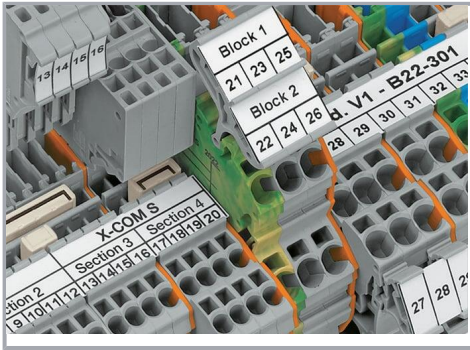
1-conductor female plug

Double-deck carrier terminal blocks can be commoned via 2002 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.

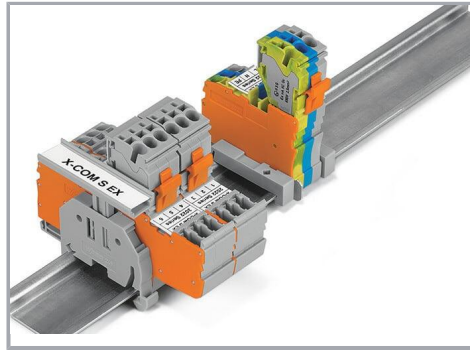
### Marking

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

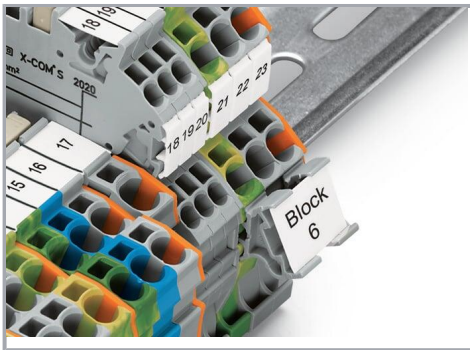




Clear marking via large marking area



Group marking with height-adjustable group marker carrier (2009-163)



Marking via marker carrier (2009-198)

## Product family

### X-COM S

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