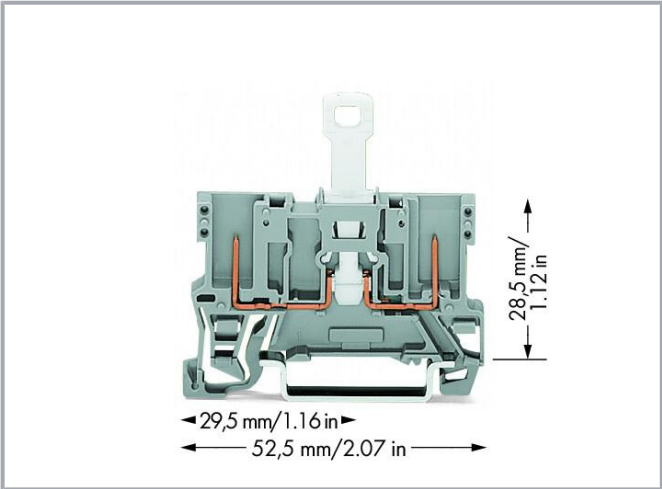
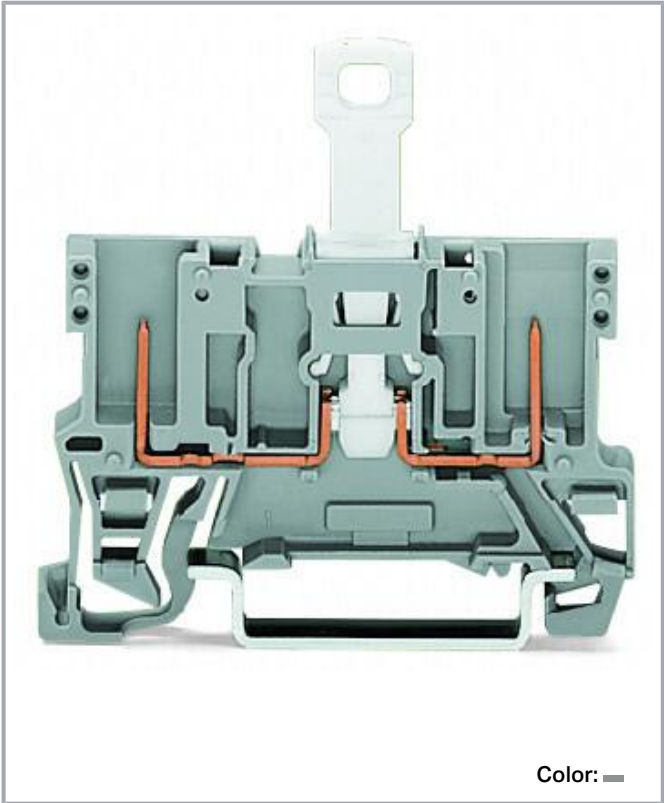




Data  
Notes

|                    |                                          |
|--------------------|------------------------------------------|
| Safety information | 2-conductor female plugs cannot be used. |
|--------------------|------------------------------------------|

Electrical data

Ratings per IEC/EN

|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Nominal voltage (III/3)       | 400 V                                                     |
| Rated impulse voltage (III/3) | 6 kV                                                      |
| Rated current                 | 16 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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**Power Loss**

|                                              |      |
|----------------------------------------------|------|
| Rated current $I_N$ for specified power loss | 16 A |
|----------------------------------------------|------|

**Connection data**

|                            |   |
|----------------------------|---|
| Total number of potentials | 1 |
| Number of levels           | 1 |

**Connection 1**

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

**Physical data**

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 5 mm / 0.197 inches    |
| Height                            | 52.5 mm / 2.067 inches |
| Depth from upper-edge of DIN-rail | 28.5 mm / 1.122 inches |

**Mechanical Data**

|               |                 |
|---------------|-----------------|
| Design        | horizontal type |
| Mounting type | DIN-35 rail     |
| Marking level | Center marking  |

**Material data**

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Note (material data) | Information on material specifications can be found here |
|----------------------|----------------------------------------------------------|

|                             |                  |
|-----------------------------|------------------|
| Color                       | gray             |
| Material group              | I                |
| Insulation material         | Polyamide (PA66) |
| Flammability class per UL94 | V0               |
| Fire load                   | 0.112 MJ         |
| Weight                      | 5.1 g            |

**Environmental requirements**

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

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



## Commercial data

|                       |                   |
|-----------------------|-------------------|
| Product Group         | 18 (X-COM-System) |
| eCl@ss 10.0           | 27-14-11-26       |
| eCl@ss 9.0            | 27-14-11-26       |
| ETIM 8.0              | EC000902          |
| ETIM 7.0              | EC000902          |
| PU (SPU)              | 50 pcs            |
| Packaging type        | box               |
| Country of origin     | DE                |
| GTIN                  | 4045454619404     |
| Customs tariff number | 85365080900       |

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

| Logo                                                                               | Approval                              | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V.       | EN 60947                 | NTR NL-7626      |
|  | CSA<br>CSA Group                      | C22.2                    | 1101144          |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | 2190419.01       |
|  | UL<br>Underwriters Laboratories Inc.  | UL 1977                  | E 45171          |
|  | UR<br>Underwriters Laboratories Inc.  | UL 1059                  | E45172           |

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## 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 |
|-----------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|------------------|
|   | ABS<br>American Bureau of Shipping               | EN 60947                 | 20-HG1941090-PDA |
|  | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2       |

## Counterpart

|                                                                                     |                                                                                                                                                                                           |                                                                                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|    | <b>Item no.769-101</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray                                                       | <a href="http://www.wago.com/769-101">www.wago.com/769-101</a>                 |
|    | <b>Item no.769-101/022-000</b><br>1-conductor female connector, angled; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray                                       | <a href="http://www.wago.com/769-101/022-000">www.wago.com/769-101/022-000</a> |
|    | <b>Item no.769-121</b><br>2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray                                                       | <a href="http://www.wago.com/769-121">www.wago.com/769-121</a>                 |
|  | <b>Item no.769-103/142-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 3-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray | <a href="http://www.wago.com/769-103/142-000">www.wago.com/769-103/142-000</a> |
|  | <b>Item no.769-106/144-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray | <a href="http://www.wago.com/769-106/144-000">www.wago.com/769-106/144-000</a> |

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|                                                                                    |                                                                                                                                                                                            |                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|     | <b>Item no.769-101/141-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray  | <a href="http://www.wago.com/769-101/141-000">www.wago.com/769-101/141-000</a> |
|   | <b>Item no.769-102/142-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray  | <a href="http://www.wago.com/769-102/142-000">www.wago.com/769-102/142-000</a> |
|     | <b>Item no.769-105/143-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 5-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray  | <a href="http://www.wago.com/769-105/143-000">www.wago.com/769-105/143-000</a> |
|    | <b>Item no.769-108/144-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 8-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray  | <a href="http://www.wago.com/769-108/144-000">www.wago.com/769-108/144-000</a> |
|   | <b>Item no.769-104/143-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 4-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray  | <a href="http://www.wago.com/769-104/143-000">www.wago.com/769-104/143-000</a> |
|    | <b>Item no.769-107/144-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray  | <a href="http://www.wago.com/769-107/144-000">www.wago.com/769-107/144-000</a> |
|  | <b>Item no.769-109/144-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 9-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray  | <a href="http://www.wago.com/769-109/144-000">www.wago.com/769-109/144-000</a> |
|  | <b>Item no.769-110/145-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 10-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray | <a href="http://www.wago.com/769-110/145-000">www.wago.com/769-110/145-000</a> |
|  | <b>Item no.769-111/145-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 11-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray | <a href="http://www.wago.com/769-111/145-000">www.wago.com/769-111/145-000</a> |
|  | <b>Item no.769-112/145-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray | <a href="http://www.wago.com/769-112/145-000">www.wago.com/769-112/145-000</a> |
|  | <b>Item no.769-113/145-000</b><br>1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 13-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray | <a href="http://www.wago.com/769-113/145-000">www.wago.com/769-113/145-000</a> |

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

**Item no. 769-114/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 14-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

[www.wago.com/769-114/145-000](http://www.wago.com/769-114/145-000)

**Item no. 769-115/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 15-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

[www.wago.com/769-115/145-000](http://www.wago.com/769-115/145-000)

**Required accessories****End plate**

## End plate

**Item no.: 769-305**

End and intermediate plate; 1.1 mm thick; gray

[www.wago.com/769-305](http://www.wago.com/769-305)

**Item no.: 769-306**

End and intermediate plate; 1.1 mm thick; orange

[www.wago.com/769-306](http://www.wago.com/769-306)

**Optional accessories****Lock-out**

## Locking system

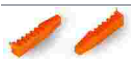
**Item no.: 709-170**

Disconnect lock; for disconnect tab used on 280/281 and 769 Series disconnect terminal blocks; red

[www.wago.com/709-170](http://www.wago.com/709-170)

**Coding**

## Coding

**Item no.: 769-435**

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange

[www.wago.com/769-435](http://www.wago.com/769-435)

**Cover**

## Cover

**Item no.: 769-438**

Pin cover; with marker slot for miniature WSB; gray

[www.wago.com/769-438](http://www.wago.com/769-438)

**Item no.: 769-439**

Pin cover; with marker slot for miniature WSB; orange

[www.wago.com/769-439](http://www.wago.com/769-439)

**Tool**

## Operating tool

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

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**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)**Mounting**

## Mounting accessories

**Item no.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails; gray

[www.wago.com/209-106](http://www.wago.com/209-106)**Item no.: 249-116**

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-116](http://www.wago.com/249-116)**Carrier rail**

## Mounting accessories

**Item no.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

[www.wago.com/210-197](http://www.wago.com/210-197)**Item no.: 210-198**

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

[www.wago.com/210-198](http://www.wago.com/210-198)**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

[www.wago.com/210-504](http://www.wago.com/210-504)**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

[www.wago.com/210-505](http://www.wago.com/210-505)**Item no.: 210-506**

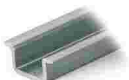
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

[www.wago.com/210-506](http://www.wago.com/210-506)**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

[www.wago.com/210-508](http://www.wago.com/210-508)**Item no.: 210-113**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

[www.wago.com/210-113](http://www.wago.com/210-113)**Item no.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

[www.wago.com/210-118](http://www.wago.com/210-118)**Item no.: 210-112**

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

[www.wago.com/210-112](http://www.wago.com/210-112)**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[www.wago.com/210-114](http://www.wago.com/210-114)**Item no.: 210-115**

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

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Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; [www.wago.com/210-115](http://www.wago.com/210-115)  
silver-colored

**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored [www.wago.com/210-196](http://www.wago.com/210-196)

**Marking accessories****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.: 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)

**Downloads****Documentation****Bid Text**

|                        |             |                |          |
|------------------------|-------------|----------------|----------|
| 769-222<br>X81 - Datei | 2019 Feb 19 | xml<br>3.0 kB  | Download |
| 769-222<br>doc - Datei | 2017 Oct 2  | doc<br>24.6 kB | Download |

**Additional Information**

|  |  |               |          |
|--|--|---------------|----------|
|  |  | pdf<br>2.3 MB | Download |
|--|--|---------------|----------|

**CAD/CAE-Data****CAD data**

|                      |     |          |
|----------------------|-----|----------|
| 2D/3D Models 769-222 | URL | Download |
|----------------------|-----|----------|

**CAE data**

|                           |     |          |
|---------------------------|-----|----------|
| EPLAN Data Portal 769-222 | URL | Download |
|---------------------------|-----|----------|

|                        |     |          |
|------------------------|-----|----------|
| WSCAD Universe 769-222 | URL | Download |
|------------------------|-----|----------|

|                      |     |          |
|----------------------|-----|----------|
| ZUKEN Portal 769-222 | URL | Download |
|----------------------|-----|----------|

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## Asset Administration Shell

Asset Administration Shell 769-222

URL

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 769-222

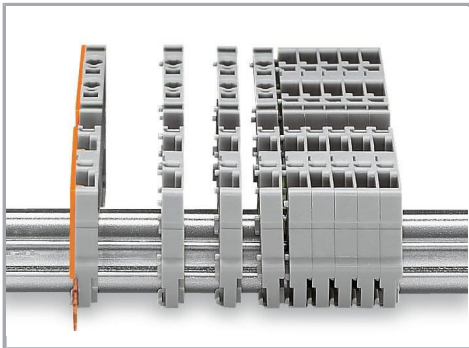
URL

Download

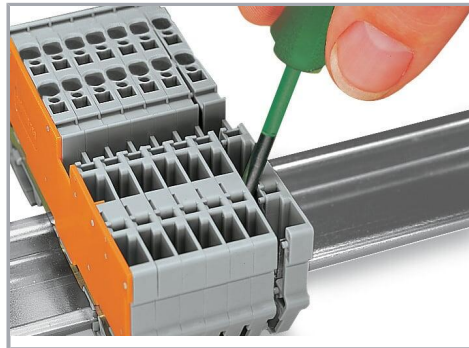
2-pin disconnect carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; gray

## Installation Notes

### Installation



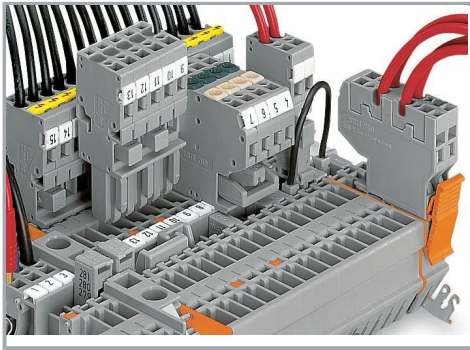
Snap individual carrier terminal blocks onto the DIN-rail and slide together.



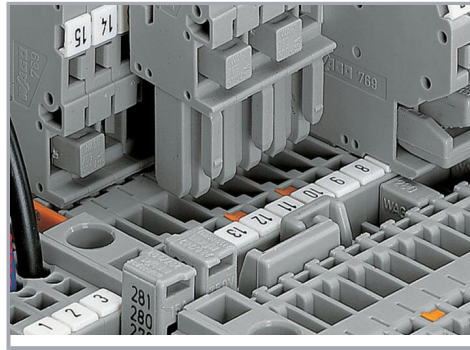
Open the assembly by laterally sliding a block via operating tool and remove terminal block via release lever.

### Commoning

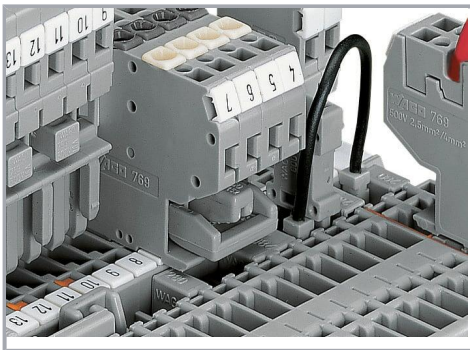
Subject to changes. Please also observe the further product documentation!



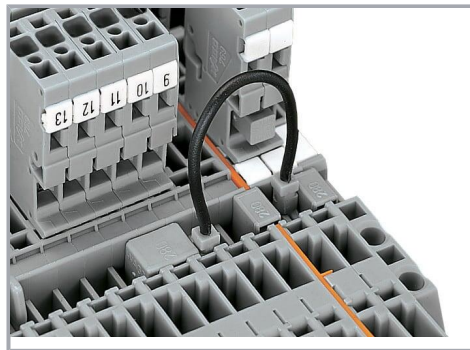
Commoning with adjacent or staggered jumpers.  
Push jumpers down until fully inserted.



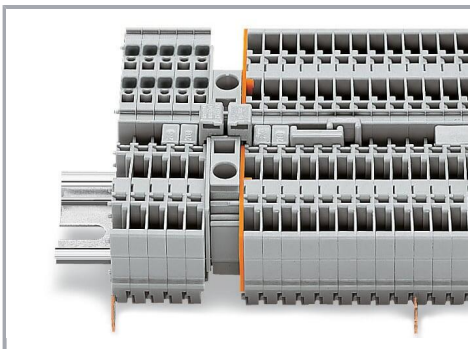
Commoning carrier terminal blocks via staggered jumpers.



Commoning a 2-conductor female plug via staggered jumper and carrier terminal blocks via adjacent jumpers.



Commoning carrier terminal blocks via push-in type wire jumpers or adjacent jumpers – even over an intermediate plate.



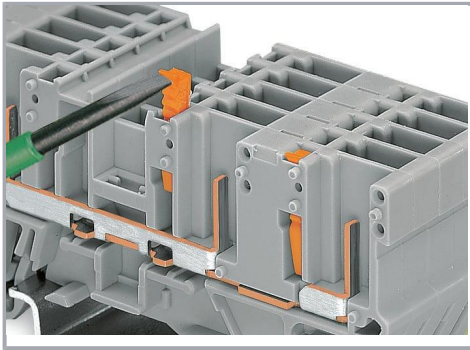
Commoning "supply terminal blocks" (up to 10 mm²/8 AWG) with carrier terminal blocks via step-down jumpers.

## Coding

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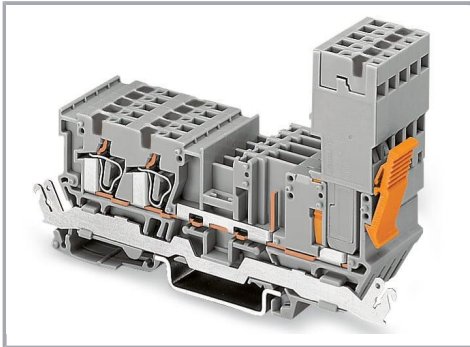
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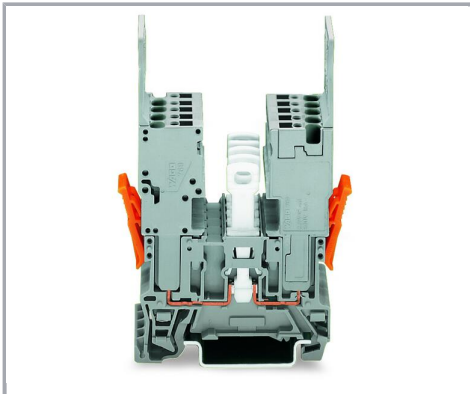
Snap coding pin in proper direction on carrier terminal block.

Shown: Coding pin removal from carrier terminal block.

#### Locking system



Securing a female plug via locking lever on the terminal block side.

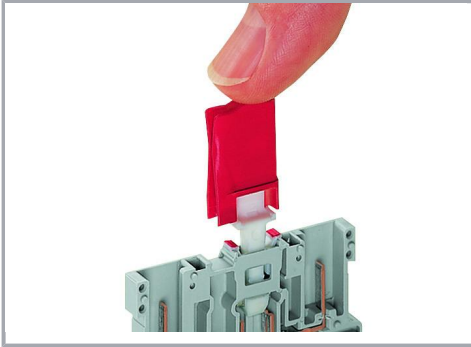


1-conductor female plug

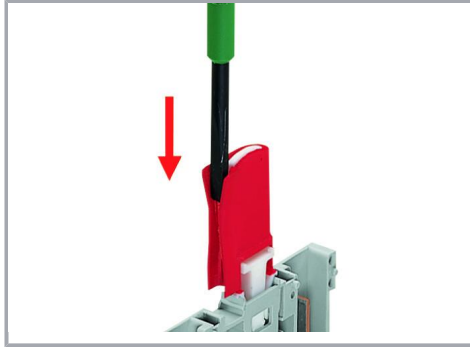
Disconnect carrier terminal blocks cannot be commoned.

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

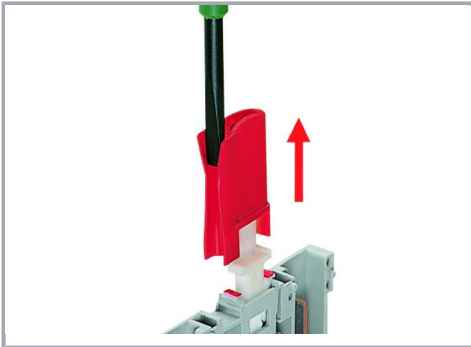
## Security



Installing a disconnect lock on the terminal block's disconnect tab.



Unlocking a disconnect lock.



Removing a disconnect lock.

## Product family

### X-COM

[Show all products from the family](#)

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