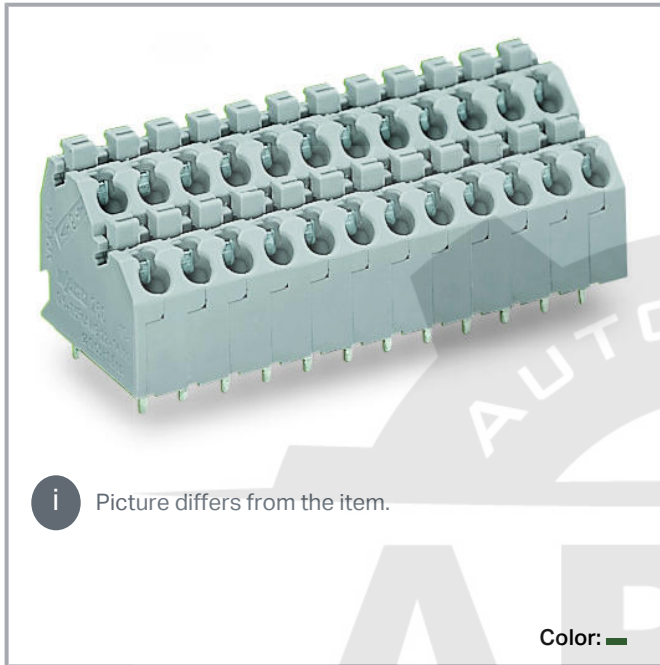


## Data sheet | Item number: 250-704/000-023

Double-deck PCB terminal block; push-button; 1.5 mm<sup>2</sup>; Pin spacing 5 mm;  
8-pole; Push-in CAGE CLAMP®; 1,50 mm<sup>2</sup>; green

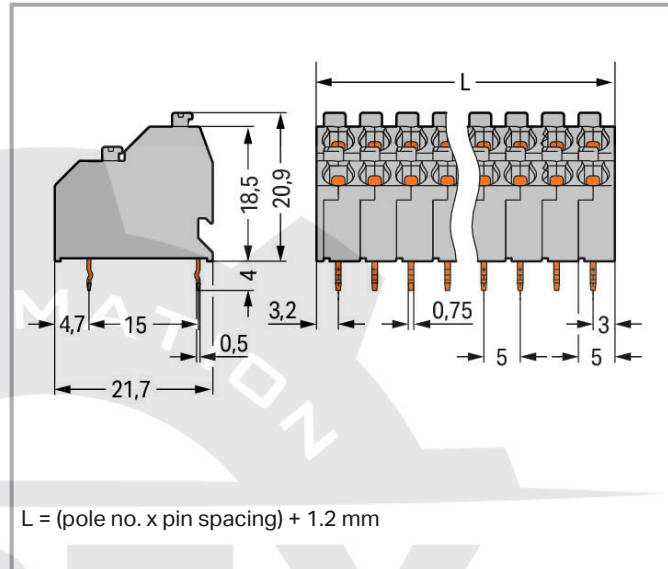


[www.wago.com/250-704\\_000-023](http://www.wago.com/250-704_000-023)



**i** Picture differs from the item.

Color:



### Item description

- Space-saving, double-deck terminal strips with push-buttons
- Push-in termination of solid and ferruled conductors
- Termination/removal of fine-stranded conductors via push-buttons
- 45° conductor entry angle provides easy, space-saving wiring

### Data

#### Electrical data

### IEC Approvals

| Ratings per                 | IEC/EN 60664-1 |
|-----------------------------|----------------|
| Rated voltage (III / 3)     | 320 V          |
| Rated surge voltage (III/3) | 4 kV           |
| Rated voltage (III/2)       | 320 V          |
| Rated surge voltage (III/2) | 4 kV           |

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

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|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Nominal voltage (II/2)     | 630 V                                                               |
| Rated surge voltage (II/2) | 4 kV                                                                |
| Rated current              | 10 A                                                                |
| Legend (ratings)           | (III / 2) $\triangle$ Overvoltage category III / Pollution degree 2 |

## UL Approvals

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 10 A    |
| Rated voltage UL (Use Group D) | 300 V   |
| Rated current UL (Use Group D) | 10 A    |

## CSA Approvals

|                                 |       |
|---------------------------------|-------|
| Approvals per                   | CSA   |
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 10 A  |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 10 A  |

## Connection data

|                                                   |                                             |
|---------------------------------------------------|---------------------------------------------|
| Connection technology                             | Push-in CAGE CLAMP®                         |
| Actuation type                                    | Push-button                                 |
| Solid conductor                                   | 0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG |
| Fine-stranded conductor                           | 0.75 ... 1.5 mm <sup>2</sup>                |
| Fine-stranded conductor; with insulated ferrule   | 0.5 ... 1 mm <sup>2</sup>                   |
| Fine-stranded conductor; with uninsulated ferrule | 0.5 ... 1 mm <sup>2</sup>                   |
| Strip length                                      | 9 ... 10 mm / 0.35 ... 0.39 inch            |
| Conductor connection direction to PCB             | 45°                                         |
| Pole No.                                          | 8                                           |
| Total number of connection points                 | 8                                           |
| Total number of potentials                        | 8                                           |
| Number of connection types                        | 1                                           |
| Number of levels                                  | 2                                           |

## Physical data

|             |                   |
|-------------|-------------------|
| Pin spacing | 5 mm / 0.197 inch |
|-------------|-------------------|

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|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Width                                | 21.2 mm / 0.835 inch              |
| Height                               | 24.9 mm / 0.98 inch               |
| Height from the surface              | 20.9 mm / 0.823 inch              |
| Depth                                | 21.7 mm / 0.854 inch              |
| Solder pin length                    | 4 mm                              |
| Solder pin dimensions                | 0.5 x 0.75 mm                     |
| Drilled hole diameter with tolerance | 1.2 <sup>(-0.1 ... +0.1)</sup> mm |

## PCB contact

|                                     |                                          |
|-------------------------------------|------------------------------------------|
| PCB Contact                         | THT                                      |
| Solder pin arrangement              | over the entire terminal strip (in-line) |
| Number of solder pins per potential | 1                                        |

## Material data

|                             |                                        |
|-----------------------------|----------------------------------------|
| Color                       | green                                  |
| Insulation material         | Polyamide (PA66)                       |
| Flammability class per UL94 | V0                                     |
| Clamping spring material    | Chrome nickel spring steel (CrNi)      |
| Contact material            | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact plating             | tin-plated                             |
| Fire load                   | 0.175 MJ                               |
| Weight                      | 7.8 g                                  |

## Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | CH            |
| GTIN                  | 4055144035865 |
| Customs tariff number | 8536904000    |

## Optional accessories

### Testing accessories



Item no.: 210-136

Test plug; 2 mm Ø; with 500 mm cable

[www.wago.com/210-136](http://www.wago.com/210-136)

### Marking accessories

Item no.: 210-332/500-202

Marking strips; as a DIN A4 sheet; MARKED; 1-16 (160x); Height of marker strip: 3 mm; Strip length 182

[www.wago.com/210-332/500-202](http://www.wago.com/210-332/500-202)

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

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mm; Horizontal marking; Self-adhesive; white

**Item no.: 210-332/500-204**

Marking strips; as a DIN A4 sheet; MARKED; 17-32 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-332/500-204](http://www.wago.com/210-332/500-204)**Item no.: 210-332/500-205**

Marking strips; as a DIN A4 sheet; MARKED; 1-32 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-332/500-205](http://www.wago.com/210-332/500-205)**Item no.: 210-332/500-206**

Marking strips; as a DIN A4 sheet; MARKED; 33-48 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-332/500-206](http://www.wago.com/210-332/500-206)**Tools****Item no.: 210-647**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-647](http://www.wago.com/210-647)**Item no.: 210-719**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

[www.wago.com/210-719](http://www.wago.com/210-719)**Ferrules****Item no.: 216-101**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored[www.wago.com/216-101](http://www.wago.com/216-101)**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored[www.wago.com/216-102](http://www.wago.com/216-102)**Item no.: 216-103**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated[www.wago.com/216-103](http://www.wago.com/216-103)**Item no.: 216-121**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored[www.wago.com/216-121](http://www.wago.com/216-121)**Item no.: 216-122**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored[www.wago.com/216-122](http://www.wago.com/216-122)**Item no.: 216-123**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored[www.wago.com/216-123](http://www.wago.com/216-123)**Item no.: 216-141**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92[www.wago.com/216-141](http://www.wago.com/216-141)**Item no.: 216-142**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92[www.wago.com/216-142](http://www.wago.com/216-142)**Item no.: 216-143**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92[www.wago.com/216-143](http://www.wago.com/216-143)**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white[www.wago.com/216-201](http://www.wago.com/216-201)

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|                                                                                  |                                                                                                                                                                                |                                                                |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|   | <b>Item no.: 216-202</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray                                                                         | <a href="http://www.wago.com/216-202">www.wago.com/216-202</a> |
|   | <b>Item no.: 216-203</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red                                                                             | <a href="http://www.wago.com/216-203">www.wago.com/216-203</a> |
|   | <b>Item no.: 216-221</b><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white                                                                         | <a href="http://www.wago.com/216-221">www.wago.com/216-221</a> |
|   | <b>Item no.: 216-222</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray                                                                         | <a href="http://www.wago.com/216-222">www.wago.com/216-222</a> |
|   | <b>Item no.: 216-223</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red                                                                             | <a href="http://www.wago.com/216-223">www.wago.com/216-223</a> |
|   | <b>Item no.: 216-241</b><br>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 | <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 mm² / 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 mm² / 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.: 216-262</b><br>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 | <a href="http://www.wago.com/216-262">www.wago.com/216-262</a> |
|  | <b>Item no.: 216-263</b><br>Ferrule; Sleeve for 1 mm² / 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> |

## Downloads

### Documentation

#### Additional Information

|                        |             |               |          |
|------------------------|-------------|---------------|----------|
| Technical explanations | Apr 3, 2019 | pdf<br>2.0 MB | Download |
|------------------------|-------------|---------------|----------|

## Environmental Product Compliance

### Compliance Search

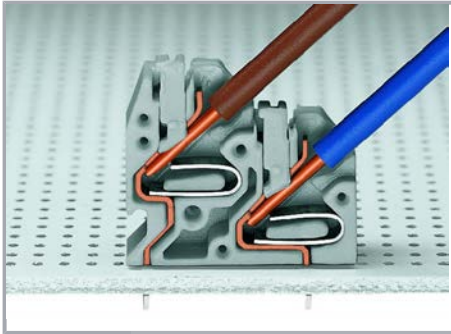
|                                                                                                                      |     |          |
|----------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 250-704/000-023                                                                     | URL | Download |
| Double-deck PCB terminal block; push-button; 1.5 mm²; Pin spacing 5 mm; 8-pole; Push-in CAGE CLAMP®; 1,50 mm²; green |     |          |

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

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## Installation Notes

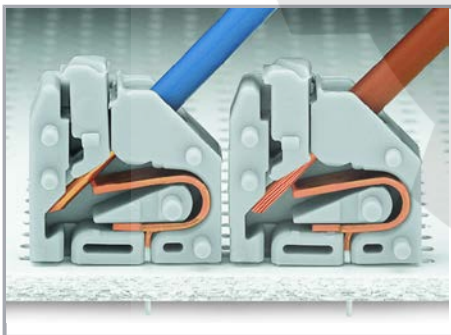


Space-saving wiring – push-in termination of solid conductors.



Testing with 2 mm Ø test plug – touch contact.

## Conductor termination



Inserting solid conductors via push-in termination.

Inserting fine-stranded conductors via push-buttons, 250 Series – 3.5 mm pin spacing.

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

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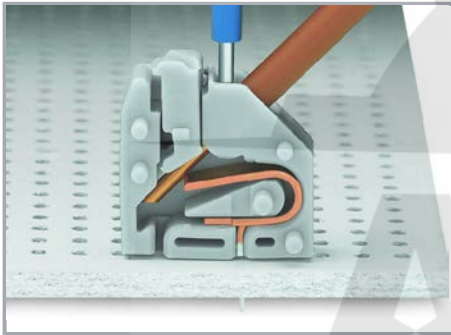
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#### Conductor termination

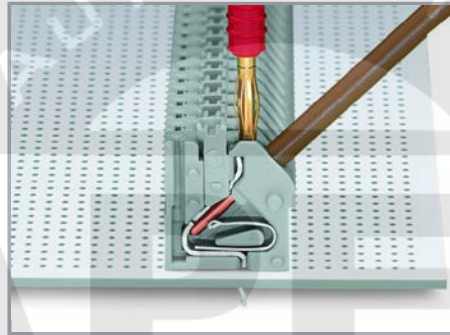


Space-saving wiring, 250 Series – 5 mm pin spacing.

#### Testing



Testing with 11 mm Ø test pin, on the conductor, 250 Series – 2.5 ... 3.5 mm pin spacing.



Testing with 2 mm Ø test plug, touch contact, 250 Series – 5 mm pin spacing.

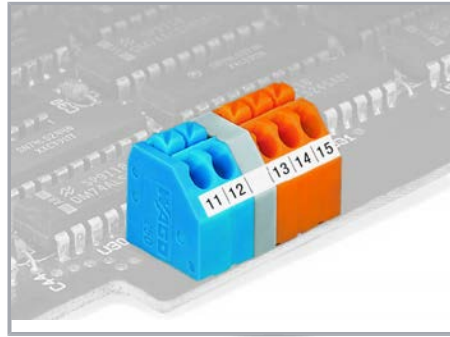
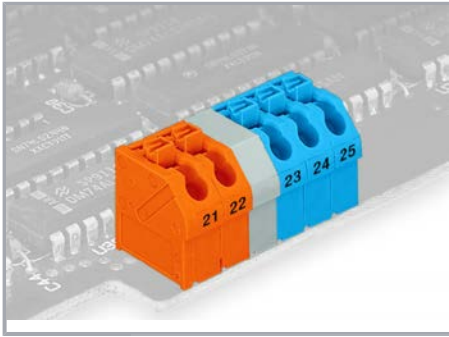
#### Marking

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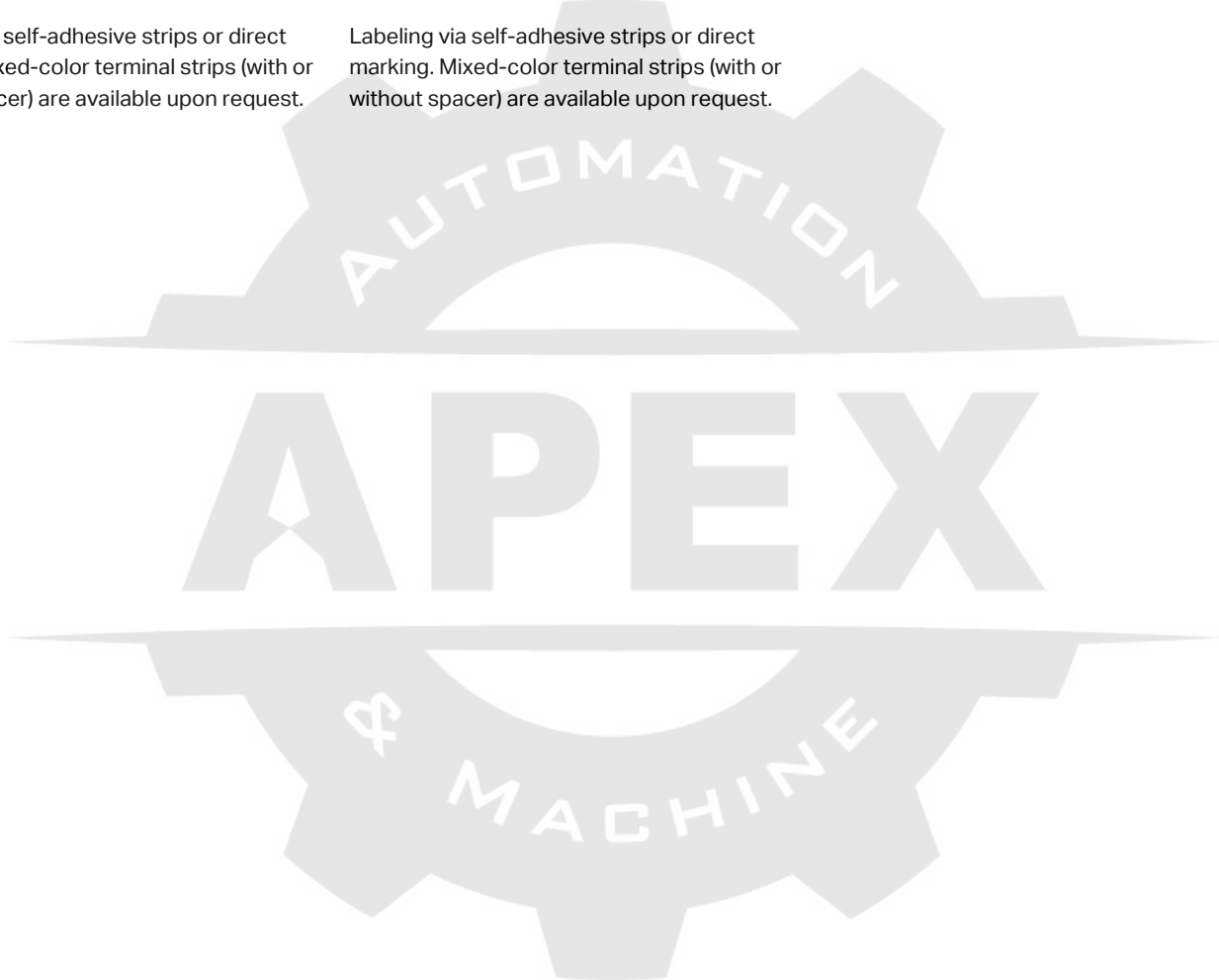
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Labeling via self-adhesive strips or direct marking. Mixed-color terminal strips (with or without spacer) are available upon request.

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