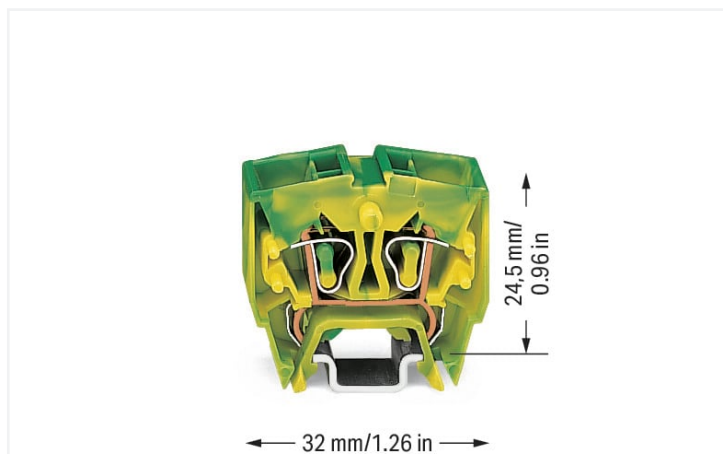


## Data Sheet | Item Number: 264-727/999-950

4-conductor Mini rail-mount terminal block; 2.5 mm<sup>2</sup>; suitable for Ex e II applications; center marking; for DIN-15 rail; CAGE CLAMP®; 2,50 mm<sup>2</sup>; green-yellow

<https://www.wago.com/264-727/999-950>

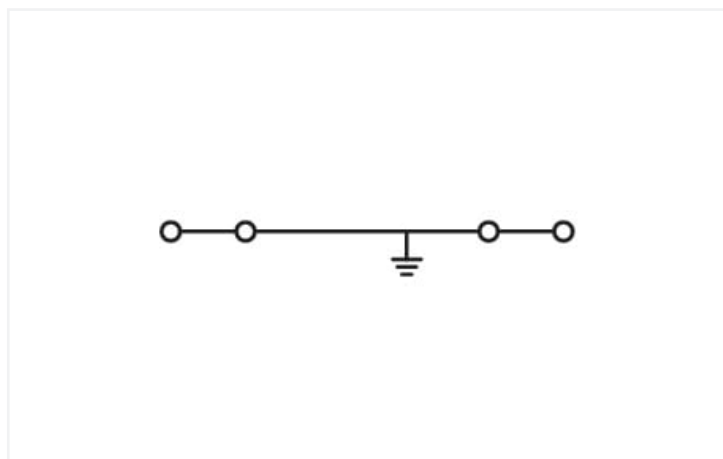


Color: ■ green-yellow

Similar to illustration



Similar to illustration



Similar to illustration

### Electrical data

#### Ex information

Reference hazardous areas

See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"

### Connection data

|                            |   |
|----------------------------|---|
| Connection points          | 4 |
| Total number of potentials | 1 |
| Number of levels           | 1 |

#### Connection 1

|                                 |  |
|---------------------------------|--|
| Connection technology           | CAGE CLAMP®                                  |
| Actuation type                  | Operating tool                               |
| Connectable conductor materials | Copper                                       |
| Solid conductor                 | 0.5 ... 2.5 mm <sup>2</sup> / 20 ... 12 AWG  |
| Fine-stranded conductor         | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Note (conductor cross-section)  | 12 AWG: THHN, THWN                           |
| Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches            |
| Wiring direction                | Front-entry wiring                           |

**Physical data**

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 10 mm / 0.394 inches   |
| Height                            | 32 mm / 1.26 inches    |
| Depth from upper-edge of DIN-rail | 24.5 mm / 0.965 inches |

**Mechanical data**

|               |                 |
|---------------|-----------------|
| Design        | horizontal type |
| Mounting type | DIN-15 rail     |
| Marking level | Center marking  |

**Material data**

|                             |  |
|-----------------------------|--|
| Note (material data)        | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                       | green-yellow   |
| Material group              | I  |
| Insulation material         | Polyamide (PA66)   |
| Flammability class per UL94 | V0   |
| Fire load                   | 0.11 MJ  |
| Weight                      | 8.1 g  |

**Environmental requirements**

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

**Commercial data**

|                       |                           |
|-----------------------|---------------------------|
| Product Group         | 9 (Std Chassis Mt Blocks) |
| eCl@ss 10.0           | 27-14-11-41               |
| eCl@ss 9.0            | 27-14-11-41               |
| ETIM 8.0              | EC000901                  |
| ETIM 7.0              | EC000901                  |
| PU (SPU)              | 100 pcs                   |
| Packaging type        | Box                       |
| Country of origin     | DE                        |
| GTIN                  | 4044918462457             |
| Customs tariff number | 85369010000               |

**Environmental Product Compliance**

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

**Approvals / Certificates****General approvals**

| Approval                              | Standard | Certificate Name |
|---------------------------------------|----------|------------------|
| CCA<br>DEKRA Certification B.V.       | EN 60947 | NTR NL-7077      |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947 | 2160584.02       |

**General approvals**

|   |         |        |
|---|---------|--------|
| UR<br>Underwriters Laboratories<br>Inc. | UL 1059 | E45172 |
|---|---------|--------|

**Declarations of conformity and manufacturer's declarations**

| Approval   | Standard | Certificate Name |
|--|----------|------------------|
| ATEX-Attestation of Conformity<br>WAGO GmbH & Co. KG | -        | -                |
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG   | -        | -                |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG   | -        | -                |

**Approvals for marine applications**



| Approval   | Standard | Certificate Name |
|--|----------|------------------|
| ABS<br>American Bureau of Shipping               | -        | 19-HG1869868-PDA |
| DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -        | TAE00001V2       |

**Approvals for hazardous areas**



| Approval   | Standard       | Certificate Name   |
|--|----------------|--|
| AEx<br>UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt | UL 60079       | E185892 (AEx eb IIC resp. Ex eb IIC)                           |
| ATEX<br>Physikalisch Technische Bundesanstalt (PTB)                            | EN 60079       | PTB 98 ATEX 3129 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb) |
| CCC<br>CQST/CNEC   | GB/T 3836.3    | 2020312313000187 (Ex eb IIC Gb, Ex eb I Mb)                    |
| EAC<br>Brjansker Zertifizierungsstelle   | TP TC 012/2011 | RU C-DE.AM02. B.00127/19 (Ex e IIC Gb U)                       |
| IECEX<br>Physikalisch Technische Bundesanstalt (PTB)                           | IEC 60079      | IECEX PTB 04.0003U (Ex e IIC Gb and Ex eb I Mb)                |
| INMETRO<br>TÜV Rheinland do Brasil Ltda.                                       | IEC 60079      | TÜV 12.1299 U  |

**Downloads**

**Environmental Product Compliance**





| Compliance Search   |
|---|
| Environmental Product Compliance<br>264-727/999-950 <a href="#">↓</a> |

**Documentation**

| Additional Information                                   |
|--|
| Technical Section<br>pdf<br>2240.62 KB <a href="#">↓</a> |

| Bid Text        |            |                 |                   |
|-----------------|------------|-----------------|-------------------|
| 264-727/999-950 | 19.02.2019 | xml<br>3.12 KB  | <a href="#">↓</a> |
| 264-727/999-950 | 30.05.2017 | doc<br>24.00 KB | <a href="#">↓</a> |

CAD/CAE-Data

| CAD data  | CAE data   |
|---|--|
| 2D/3D Models<br>264-727/999-950  | EPLAN Data Portal<br>264-727/999-950  |
|   | WSCAD Universe<br>264-727/999-950     |
|   | ZUKEN Portal<br>264-727/999-950       |

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



**Item No.: 264-370**  
 End and intermediate plate; 4 mm thick; light gray

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories



**Item No.: 210-296**  
 Aluminum carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



**Item No.: 210-111**  
 Steel carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; silver-colored



**Item No.: 210-295**  
 Steel carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

1.2.2 End plate

1.2.2.1 End plate



**Item No.: 264-367**  
 Separator for Ex e/Ex i applications; 4 mm thick; 66 mm wide; orange

### 1.2.3 Ferrule

#### 1.2.3.1 Ferrule



**Item No.: 216-321**  
 Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; un-insulated; electro-tin plated; yellow



**Item No.: 216-151**  
 Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; un-insulated; electro-tin plated



**Item No.: 216-131**  
 Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-322**  
 Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; un-insulated; electro-tin plated; light turquoise



**Item No.: 216-132**  
 Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; un-insulated; electro-tin plated



**Item No.: 216-152**  
 Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; un-insulated; electro-tin plated



**Item No.: 216-201**  
 Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; un-insulated; electro-tin plated; white



**Item No.: 216-221**  
 Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; un-insulated; electro-tin plated; white



**Item No.: 216-101**  
 Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-121**  
 Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-202**  
 Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; un-insulated; electro-tin plated; gray



**Item No.: 216-222**  
 Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; un-insulated; electro-tin plated; gray



**Item No.: 216-102**  
 Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-122**  
 Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-203**  
 Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated; red



**Item No.: 216-223**  
 Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated; red



**Item No.: 216-103**  
 Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated



**Item No.: 216-123**  
 Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-204**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; black



**Item No.: 216-224**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; black



**Item No.: 216-124**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated



**Item No.: 216-104**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-205**  
 Ferrule; Sleeve for 2.08 mm<sup>2</sup> / AWG 14; un-insulated; electro-tin plated; yellow



**Item No.: 216-206**  
 Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; un-insulated; electro-tin plated; blue



**Item No.: 216-106**  
 Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; un-insulated; electro-tin plated; silver-colored

### 1.2.4 Installation

#### 1.2.4.1 Cover



**Item No.: 709-153**  
 Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

#### 1.2.4.2 Cover carrier



**Item No.: 709-167**  
 Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

1.2.4.3 Mounting accessories



**Item No.: 249-101**  
Screwless end stop; 6 mm wide; for WMB markers; gray

1.2.5 Jumper

1.2.5.1 Jumper



**Item No.: 280-492**  
Jumper; 2-way; insulated; gray



**Item No.: 264-402**  
Jumper; for conductor entry; 2-way; insulated; gray

1.2.6 Marking

1.2.6.1 Marker



**Item No.: 2009-145/000-006**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 2009-145/000-007**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



**Item No.: 2009-145/000-023**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



**Item No.: 2009-145/000-012**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 2009-145/000-005**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red



**Item No.: 2009-145/000-024**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



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



**Item No.: 2009-145/000-002**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



**Item No.: 248-501/000-006**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue



**Item No.: 248-501/000-007**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray



**Item No.: 248-501/000-023**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green



**Item No.: 248-501/000-017**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



**Item No.: 248-501/000-012**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange



**Item No.: 248-501/000-005**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red



**Item No.: 248-501/000-024**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet



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



**Item No.: 248-501/000-002**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

1.2.7 Tool

1.2.7.1 Operating tool



**Item No.: 210-658**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured



**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



**Item No.: 210-657**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured



**Item No.: 209-130**  
Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural



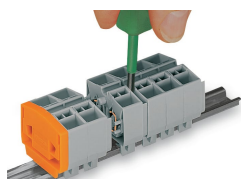
**Item No.: 280-432**  
Operating tool; made of insulating material; 2-way; white

## Installation Notes

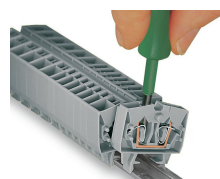
### Installation



Quick assembly keys prevent reverse mounting.

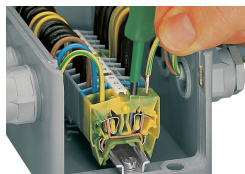


Separate terminal strip and slide individual terminal block laterally.



Remove terminal block from the DIN-rail with a levering action.

### Conductor termination



#### CAGE CLAMP® connection

Inserting a conductor.

With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

### Commoning



Commoning with comb-style jumper bar.

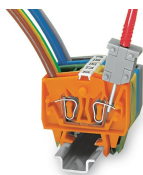


Commoning with comb-style jumper bar.

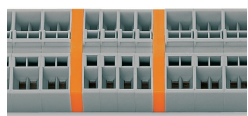
### Testing



Testing by touch contact to the CAGE CLAMP® spring (limited to 0.5 A and 48 V test voltage) – test pins are not protected against accidental contact.



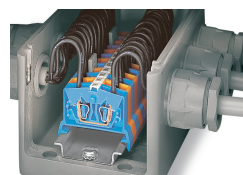
Testing via CAGE CLAMP® on the current bar (max. nominal current: 6 A). CAGE CLAMP® clamps individual test contacts. The maximum test voltage is 400 V.



Separating groups via intermediate plates.



Combining 2- and 4-conductor terminal blocks.



Application  
Easy-to-use miniature blocks that require minimal enclosure space.

Marking



Marking via Mini-WSB Quick Marking System.



Marking with T-marker tag (209-290).