

Data Sheet | Item Number: 264-287

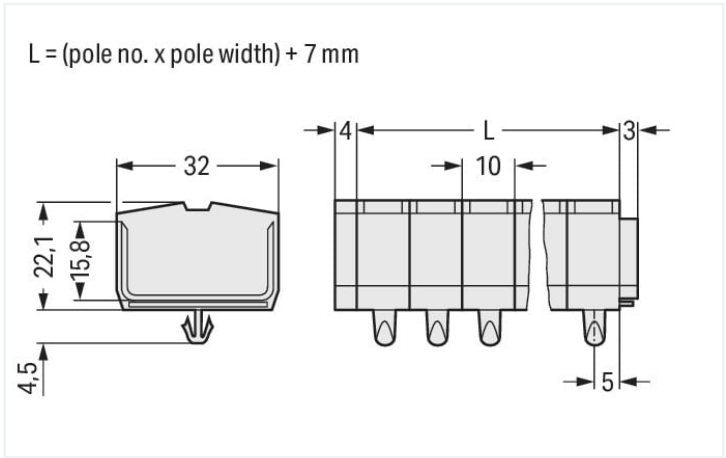
4-conductor terminal strip; without push-buttons; suitable for Ex e II applications; with snap-in mounting feet; 7-pole; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; light gray

<https://www.wago.com/264-287>



Color: ■ light gray

Similar to illustration



Dimensions in mm

Electrical data

| Ex information             |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Reference hazardous areas  | See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications" |
| Rated voltage EN (Ex e II) | 690 V                                                                                               |
| Rated current (Ex e II)    | 23 A                                                                                                |

Connection data

|                            |    |
|----------------------------|----|
| Connection points          | 28 |
| Total number of potentials | 7  |
| Number of levels           | 1  |

| Connection 1                    |                                   |
|---------------------------------|-----------------------------------|
| Connection technology           | CAGE CLAMP®                       |
| Actuation type                  | Operating tool                    |
| Connectable conductor materials | Copper                            |
| Solid conductor                 | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Fine-stranded conductor         | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Note (conductor cross-section)  | 12 AWG: THHN, THWN                |
| Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches |
| Pole number                     | 7                                 |
| Wiring direction                | Front-entry wiring                |

Physical data

|                         |                       |
|-------------------------|-----------------------|
| Width                   | 77 mm / 3.031 inches  |
| Height from the surface | 22.1 mm / 0.87 inches |
| Depth                   | 32 mm / 1.26 inches   |
| Module width            | 10 mm / 0.394 inches  |



| Mechanical data |                 |  |
|-----------------|-----------------|--|
| Design          | horizontal type |  |
| Mounting type   | Snap-in foot    |  |
| 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                       | light gray                                                                                                             |  |
| Material group              | I                                                                                                                      |  |
| Insulation material         | Polyamide (PA66)                                                                                                       |  |
| Flammability class per UL94 | V0                                                                                                                     |  |
| Fire load                   | 0.861 MJ                                                                                                               |  |
| Halogen-free                | Yes                                                                                                                    |  |
| Weight                      | 47.5 g                                                                                                                 |  |

| Commercial data       |                           |  |
|-----------------------|---------------------------|--|
| Product Group         | 9 (Std Chassis Mt Blocks) |  |
| eCl@ss 10.0           | 27-14-11-06               |  |
| eCl@ss 9.0            | 27-14-11-06               |  |
| ETIM 8.0              | EC001284                  |  |
| ETIM 7.0              | EC001284                  |  |
| PU (SPU)              | 50 pcs                    |  |
| Packaging type        | Box                       |  |
| Country of origin     | DE                        |  |
| GTIN                  | 4044918415897             |  |
| Customs tariff number | 85369010000               |  |

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

Approvals / Certificates

| General approvals                                                                  |          |                  | Declarations of conformity and manufacturer's declarations |          |                  |
|------------------------------------------------------------------------------------|----------|------------------|------------------------------------------------------------|----------|------------------|
|  |          |                  | Approval                                                   | Standard | Certificate Name |
| Approval                                                                           | Standard | Certificate Name | ATEX-Attestation of Conformity<br>WAGO GmbH & Co. KG       |          |                  |
| CSA<br>DEKRA Certification B.V.                                                    | C22.2    | 70010891         |                                                            |          |                  |
| UR<br>Underwriters Laboratories Inc.                                               | UL 1059  | E45172           |                                                            |          |                  |



Approvals for marine applications



| Approval              | Standard  | Certificate Name |
|-----------------------|-----------|------------------|
| LR<br>Lloyds Register | IEC 60998 | LR22173030TA     |

Approvals for hazardous areas



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

Downloads

Environmental Product Compliance

| Compliance Search                           |
|---------------------------------------------|
| Environmental Product<br>Compliance 264-287 |



Documentation

| Additional Information |
|------------------------|
| Technical Section      |

pdf  
2240.62 KB



| Bid Text        |
|-----------------|
| 264-287         |
| 19.02.2019      |
| xml<br>3.28 KB  |
| 264-287         |
| 14.06.2017      |
| doc<br>25.00 KB |



CAD/CAE-Data

| CAD data             |
|----------------------|
| 2D/3D Models 264-287 |



| CAE data                     |
|------------------------------|
| EPLAN Data Portal<br>264-287 |
| WSCAD Universe<br>264-287    |
| ZUKEN Portal 264-287         |





|                              |
|------------------------------|
| 1 Compatible Products        |
| 1.1 Optional Accessories     |
| 1.1.1 DIN-rail               |
| 1.1.1.1 Mounting accessories |



**Item No.: 210-154**  
Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high; silver-colored

|                 |
|-----------------|
| 1.1.2 Ferrule   |
| 1.1.2.1 Ferrule |



**Item No.: 216-321**  
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-151**  
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated



**Item No.: 216-131**  
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-322**  
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-132**  
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



**Item No.: 216-152**  
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



**Item No.: 216-201**  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



**Item No.: 216-221**  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



**Item No.: 216-101**  
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-121**  
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-202**  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-222**  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-102**  
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-122**  
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-203**  
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-223**  
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-103**  
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated



**Item No.: 216-123**  
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-204**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-224**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-124**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated



**Item No.: 216-104**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored



**Item No.: 216-205**  
Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellow



**Item No.: 216-206**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue



**Item No.: 216-106**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated; silver-colored



1.1.3 Installation

1.1.3.1 Cover



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

1.1.3.2 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

1.1.4 Jumper

1.1.4.1 Jumper



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



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

1.1.5 Marking

1.1.5.1 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

1.1.6 Tool

1.1.6.1 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



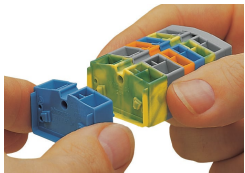
**Item No.: 209-130**  
Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural



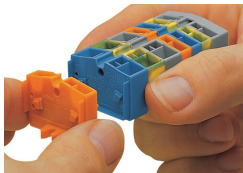
**Item No.: 280-432**  
Operating tool; made of insulating material; 2-way; white

Installation Notes

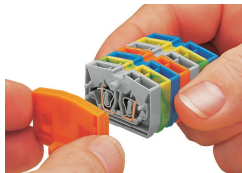
Installation



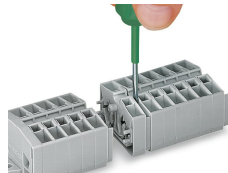
Assembling modular terminal blocks into terminal strips.



Mounting an "end terminal block" with mounting flange.



Mounting an end plate.



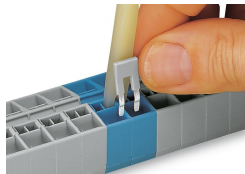
Removing a terminal block.

Conductor termination



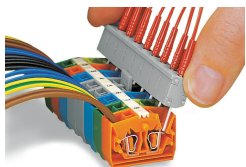
**CAGE CLAMP® connection**  
Inserting a conductor.  
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Commoning

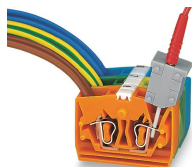


Commoning with comb-style jumper bar.

## 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.

## Marking



Marking via Mini-WSB Quick Marking System.