

Data Sheet | Item Number: 264-141

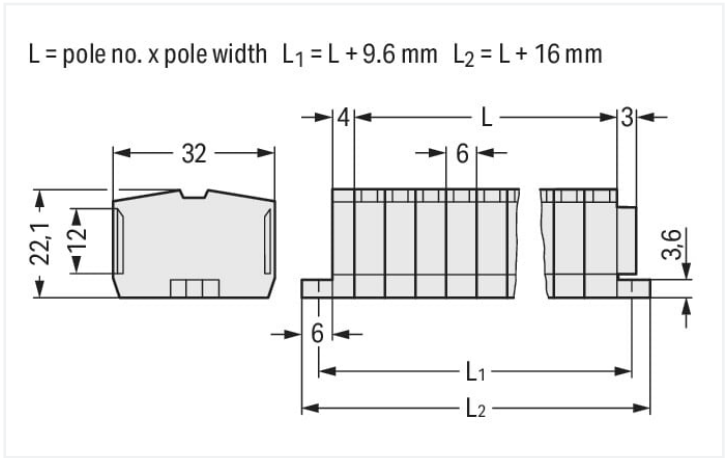
2-conductor terminal strip; without push-buttons; suitable for Ex e II applications; with fixing flanges; 11-pole; for screw or similar mounting types; Fixing hole 3.2 mm Ø; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; light gray

<https://www.wago.com/264-141>



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 | 22 |
| Total number of potentials | 11 |
| 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 | 11 |
| Wiring direction | Front-entry wiring |

Physical data

| | |
|-------------------------|-----------------------|
| Width | 82 mm / 3.228 inches |
| Height from the surface | 22.1 mm / 0.87 inches |
| Depth | 32 mm / 1.26 inches |
| Module width | 6 mm / 0.236 inches |



| Mechanical data | | |
|-----------------|-----------------|--|
| Design | horizontal type | |
| Mounting type | Mounting flange | |
| Marking level | Center marking | |

| Material data | | |
|-----------------------------|--|--|
| Note (material data) | Information on material specifications can be found here | |
| Color | light gray | |
| Material group | I | |
| Insulation material | Polyamide (PA66) | |
| Flammability class per UL94 | V0 | |
| Fire load | 0.865 MJ | |
| Halogen-free | Yes | |
| Weight | 44 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) | 25 pcs | |
| Packaging type | Box | |
| Country of origin | DE | |
| GTIN | 4044918423144 | |
| Customs tariff number | 85369010000 | |

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

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|--------------------------------------|----------|------------------|
| CSA DEKRA Certification B.V. | C22.2 | 70010891 |
| UR Underwriters Laboratories Inc. | UL 1059 | E45172 |

Approvals for marine applications



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



Approvals for hazardous areas

EAC

| Approval | Standard | Certificate Name |
|---|----------------|---|
| EAC Brjansker Zertifizierungs- stelle | TP TC 012/2011 | RU C-DE.AM02. B.00127/19 (Ex e IIC Gb U) |

Downloads

Environmental Product Compliance

| Compliance Search |
|---|
| Environmental Product Compliance 264-141 |

Documentation

| Additional Information |
|-------------------------------------|
| Technical Section pdf 2240.62 KB |

| Bid Text |
|------------------------------------|
| 264-141 19.02.2019 xml 3.29 KB |
| 264-141 14.06.2017 doc 25.00 KB |

CAD/CAE-Data

| CAD data |
|----------------------|
| 2D/3D Models 264-141 |

| CAE data |
|------------------------------|
| EPLAN Data Portal 264-141 |
| WSCAD Universe 264-141 |
| ZUKEN Portal 264-141 |

1 Compatible Products

1.1 Optional Accessories


















1.1.1 Ferrule

1.1.1.1 Ferrule

| | | | |
|---|---|--|--|
| Item No.: 216-321 Ferrule; Sleeve for 0.25 mm² / AWG 24; in- sulated; 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-co- lored | Item No.: 216-322 Ferrule; Sleeve for 0.34 mm² / 22 AWG; in- sulated; 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; in- sulated; electro-tin plated; white | Item No.: 216-221 Ferrule; Sleeve for 0.5 mm² / 20 AWG; in- sulated; electro-tin plated; white |



1.1.1.1 Ferrule


| | | | |
|---|---|---|---|
|  |  |  |  |
| Item No.: 216-101 Ferrule; Sleeve for 0.5 mm² / AWG 22; un-insulated; electro-tin plated; silver-colored | Item No.: 216-121 Ferrule; Sleeve for 0.5 mm² / AWG 22; un-insulated; 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; un-insulated; electro-tin plated | Item No.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; 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; un-insulated; electro-tin plated; silver-colored | | | |

1.1.2 Installation

1.1.2.1 Cover

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

1.1.2.2 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 |



1.1.3 Jumper

1.1.3.1 Jumper



[Item No.: 281-492](#)

Jumper; 2-way; insulated; gray

[Item No.: 264-402](#)

Jumper; for conductor entry; 2-way; insulated; gray

1.1.4 Marking

1.1.4.1 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

1.1.5 Tool

1.1.5.1 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](#)

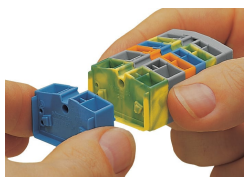
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

[Item No.: 209-130](#)

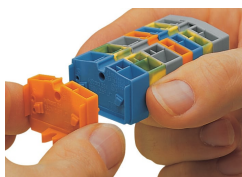
Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural

Installation Notes

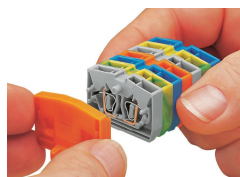
Installation



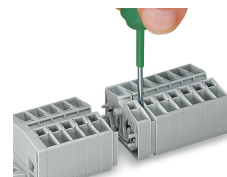
Assembling modular terminal blocks into terminal strips.



Mounting an "end terminal block" with mounting flange.



Mounting an end plate.



Removing a terminal block.

Conductor termination

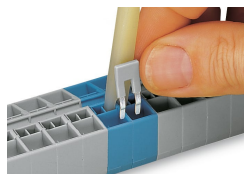


CAGE CLAMP® connection

Inserting a conductor.

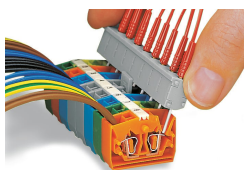
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Commoning

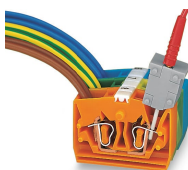


Commoning with comb-style jumper bar.

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.

