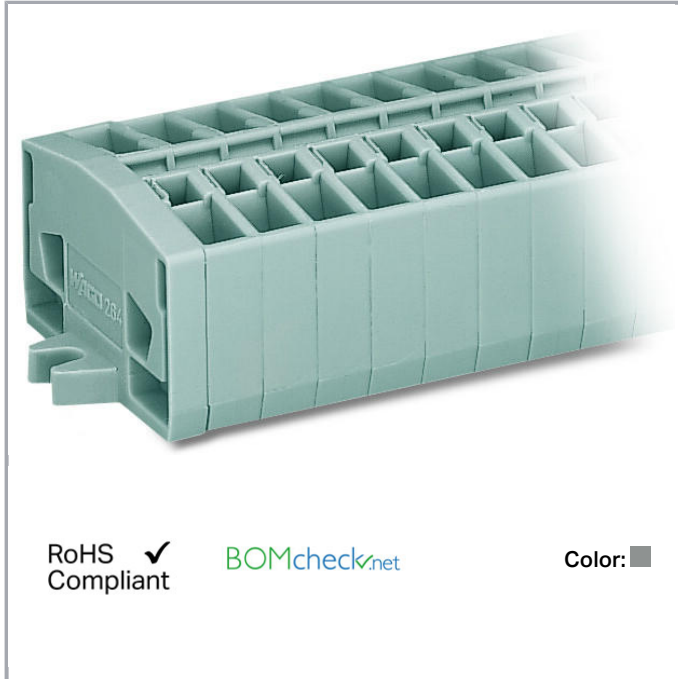


Data sheet | Item number: 264-158

2-conductor terminal strip; 8-pole; without push-buttons; with snap-in mounting feet; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

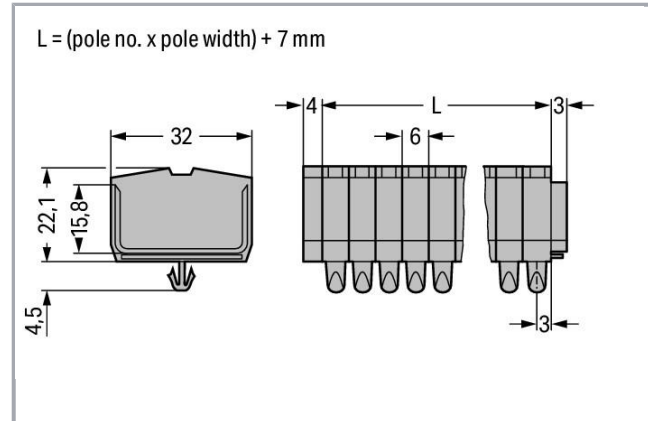
www.wago.com/264-158



RoHS Compliant

BOMcheck.net

Color: ■



Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|---|
| Rated voltage (III / 3) | 800 V |
| Rated impulse voltage (III / 3) | 8 kV |
| Rated current | 24 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Connection data

| | |
|---------------------------------|--|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Solid conductor | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |

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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



| | |
|-----------------------------------|---------------------------------|
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 inch |
| No. of poles | 8 |
| Total number of connection points | 16 |
| Total number of potentials | 8 |
| Number of levels | 1 |
| Type of wiring | Front-entry wiring |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |

Geometrical Data

| | |
|-------------------------|---------------------|
| Width | 55 mm / 2.165 inch |
| Height from the surface | 22.1 mm / 0.87 inch |
| Depth | 32 mm / 1.26 inch |
| Module width | 6 mm / 0.236 inch |

Mechanical data

| | |
|---------------|-----------------------|
| Design | horizontal |
| Mounting type | Snap-in mounting foot |
| Marking level | Center marking |

Material Data

| | |
|-----------|---------|
| Color | gray |
| Fire load | 0.66 MJ |
| Weight | 32.7 g |

Commercial data




| | |
|--------------------|-----------------------------|
| Product Group | 9 (Std. Chassis Mt. Blocks) |
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4044918423670 |
| Customs Tariff No. | 85369010000 |

Approvals / Certificates




Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|---------------------------------------|--------------------------|------------------|
| | CB DEKRA Certification B.V. | EN 60998 | NL-49768 |


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

| | | | |
|--|---------------------------------|----------|-------------|
|  | CCA DEKRA Certification B.V. | EN 60998 | NTR NL-7342 |
|  | CCA DEKRA Certification B.V. | EN 60998 | 2175624.01 |
|  | CSA DEKRA Certification B.V. | C22.2 | 70010891 |

Ship Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|--|--------------------------|------------------|
|  | ABS American Bureau of Shipping | - | 19-HG1869868-PDA |
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |
|  | LR Lloyds Register | IEC 60998 | 91/20242 (E7) |

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|------------------|
|  | UR Underwriters Laboratories Inc. | UL 1059 | E45172, sec. 6 |

Counterpart


Compatible products

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

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Do you have any questions about our products?
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Marking accessories

| | |
|---|--|
| 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 |
| 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; white | www.wago.com/2009-145/000-002 |
| 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 | www.wago.com/2009-145/000-005 |
| 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 | www.wago.com/2009-145/000-006 |
| 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; white | www.wago.com/2009-145/000-007 |
| 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 | www.wago.com/2009-145/000-012 |
| 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 | www.wago.com/2009-145/000-023 |
| 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 | www.wago.com/2009-145/000-024 |
| Item no.: 209-290 Marker tags; not stretchable; plain; snap-on type; white | www.wago.com/209-290 |
| Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card | www.wago.com/248-501 |
|  Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow | www.wago.com/248-501/000-002 |
| Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red | www.wago.com/248-501/000-005 |

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

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

www.wago.com/248-501/000-006

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

www.wago.com/248-501/000-007



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

www.wago.com/248-501/000-012

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

www.wago.com/248-501/000-017

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

www.wago.com/248-501/000-023

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

www.wago.com/248-501/000-024

ferrule

Item no.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

www.wago.com/216-101

Item no.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

www.wago.com/216-102

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

www.wago.com/216-103

Item no.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

www.wago.com/216-104

Item no.: 216-106
Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated

www.wago.com/216-106

Item no.: 216-121
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

www.wago.com/216-121

Item no.: 216-122
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

www.wago.com/216-122

Item no.: 216-123
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

www.wago.com/216-123

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


www.wago.com/216-124



Item no.: 216-131
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-131

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

| | | |
|---|--|--|
|  | Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated | www.wago.com/216-132 |
| | Item no.: 216-151 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated | www.wago.com/216-151 |
| | Item no.: 216-152 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated | www.wago.com/216-152 |
| | Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white | www.wago.com/216-201 |
| | Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray | www.wago.com/216-202 |
| | Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red | www.wago.com/216-203 |
| | Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black | www.wago.com/216-204 |
| | Item no.: 216-205 Ferrule; Sleeve for 2.08 mm ² / AWG 14; insulated; electro-tin plated; yellow | www.wago.com/216-205 |
| | Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue | www.wago.com/216-206 |
| | Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white | www.wago.com/216-221 |
| | Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray | www.wago.com/216-222 |
| | Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red | www.wago.com/216-223 |
| | Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black | www.wago.com/216-224 |
| | Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow | www.wago.com/216-321 |
| | Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green | www.wago.com/216-322 |
| Carrier rail | | |
| | Item no.: 210-154 Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high; silver-colored | www.wago.com/210-154 |
| tools | | |
| | Item no.: 209-130 Operating tool; suitable for 264, 280 and 281 Series; 1-way; of insulating material | www.wago.com/209-130 |

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



Item no.: 210-657

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

www.wago.com/210-657

Item no.: 210-658

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

www.wago.com/210-658

Item no.: 210-720

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

www.wago.com/210-720

Item no.: 280-432

Operating tool; made of insulating material; 2-way

www.wago.com/280-432

Test Accessories

Item no.: 210-136

Test plug; 2 mm Ø; with 500 mm cable; red

www.wago.com/210-136

Item no.: 210-137

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

www.wago.com/210-137

Item no.: 249-136

Test plug module; without locking device; modular; for 2-conductor terminal blocks; gray

www.wago.com/249-136

Jumper

Item no.: 264-402

Comb-style jumper bar; insulated; 2-way; reduces conductor size to 1.5 mm; gray

www.wago.com/264-402

Item no.: 281-492

Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray

www.wago.com/281-492

General accessories

Item no.: 209-122

Plastic end stop; for WSB markers; for 210-154 aluminum rail; gray

www.wago.com/209-122

assembling



Item no.: 709-153

Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

www.wago.com/709-153

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
2.1 MB

Download

CAD/CAE-Data

CAD data

2D/3D Models 264-158

URL

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

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CAE data

EPLAN Data Portal 264-158

URL

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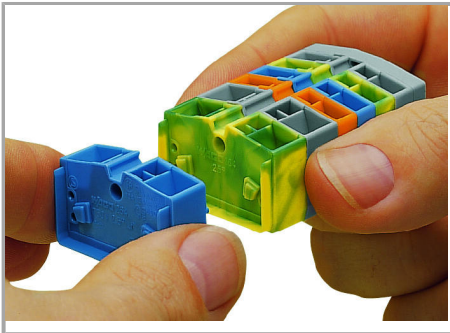
WSCAD Universe 264-158

URL

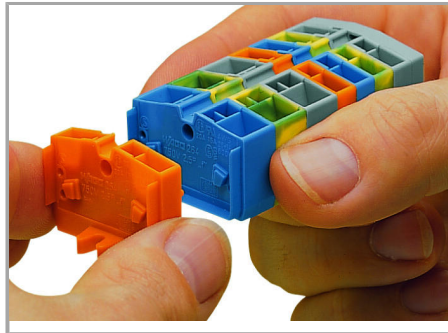
Download

Installation Notes

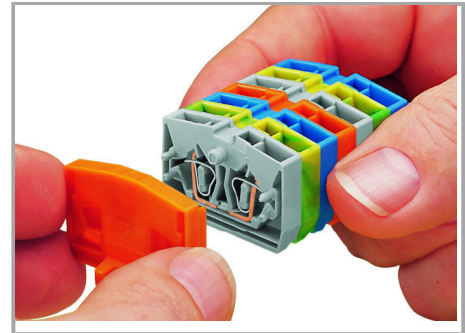
Assembly



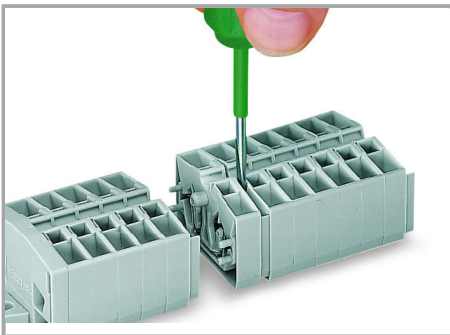
Assembling modular terminal blocks into terminal strips.



Mounting an "end terminal block" with mounting flange.



Mounting an end plate.



Removing a terminal block.

Inserting a conductor

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



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.

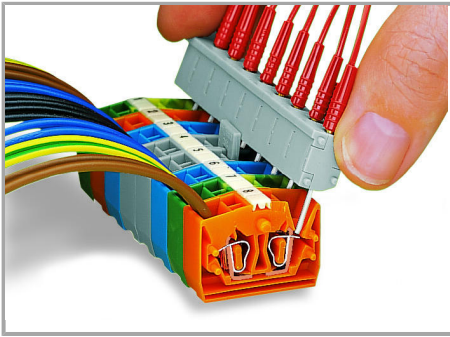
Jumpered



Commoning with comb-style jumper bar.

Testing

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



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.

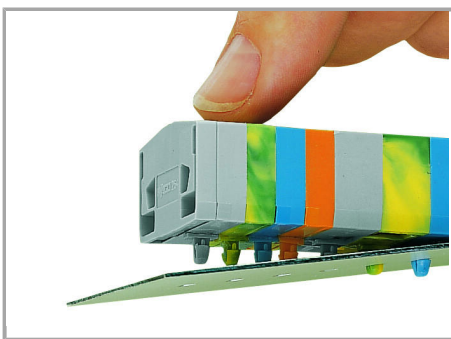
Subject to changes. Please also observe the further product documentation!



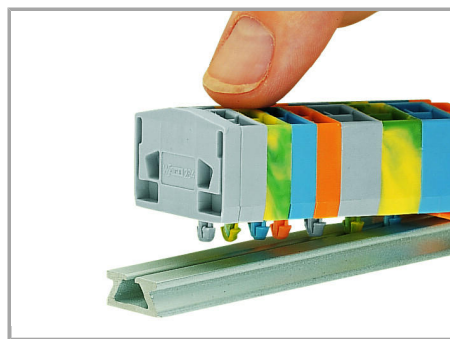
Terminal strip with snap-in mounting feet,
consisting of:

- End plate
-
- 4-conductor term. block with snap-in mounting foot¹⁾
-
- Center terminal blocks
-
- 2-conductor term. block with snap-in mounting foot¹⁾
-

¹⁾ at every 4th or 5th terminal block on the strip



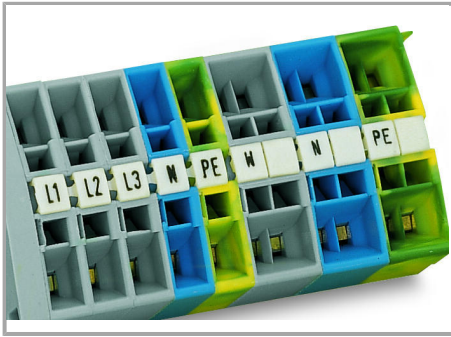
Mounting a terminal strip with snap-in feet into holes.



Mounting a terminal strip with snap-in feet onto aluminum rail.

Marking

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



Combining 2- and 4-conductor terminal blocks.

Marking via Mini-WSB Quick markers.

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