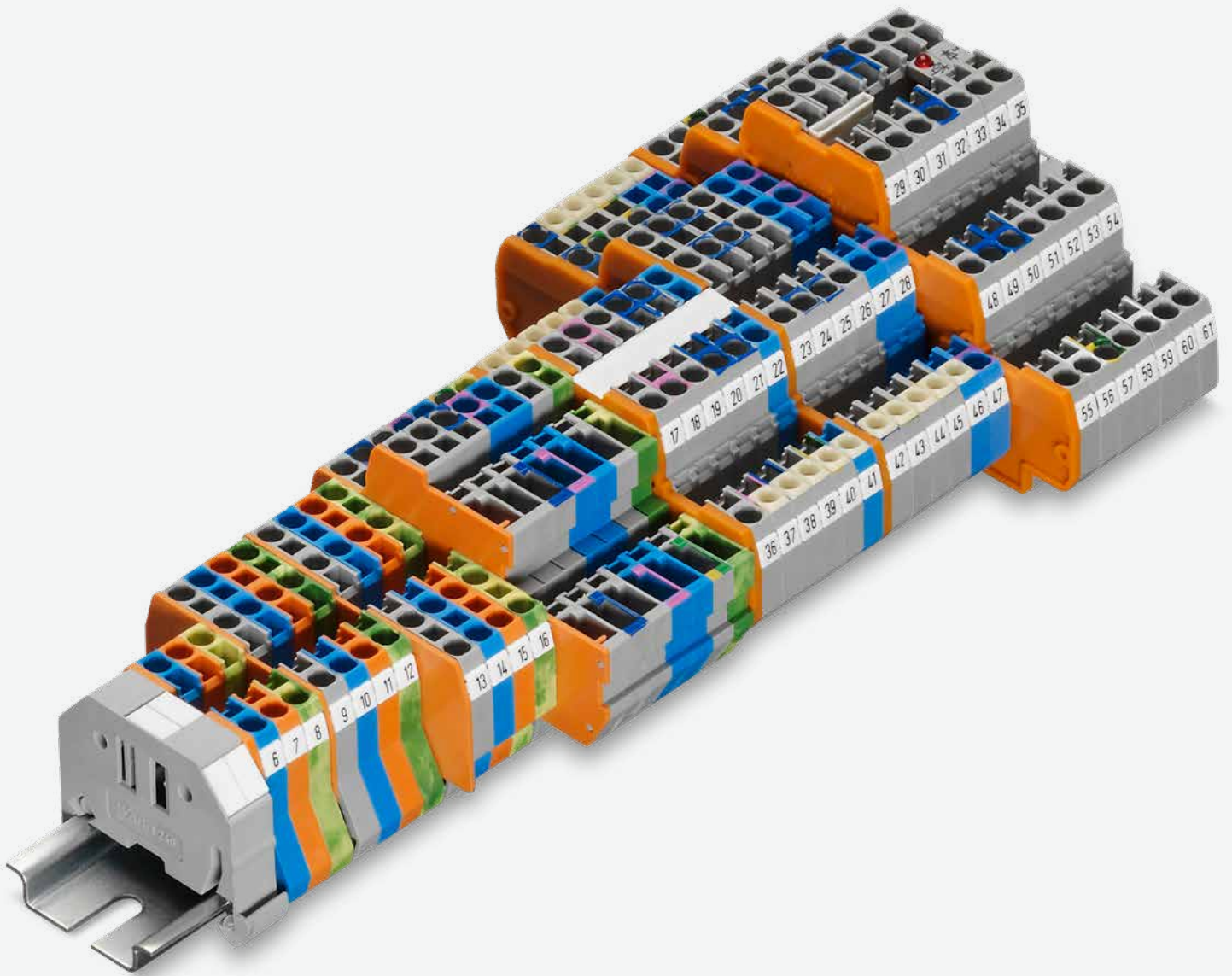




WAGO Rail-Mount Terminal Blocks Mini
WAGO Rail-Mount Terminal Blocks Compact

WAGO Rail-Mount Terminal Blocks Mini

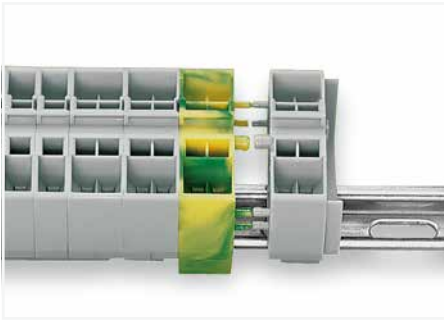
WAGO Rail-Mount Terminal Blocks Compact

			Page
	Through, Ground Conductor and Ex Terminal Blocks for DIN-35 and DIN-15 Rails 0.08 ... 2.5 mm ² (28 ... 12 AWG)	264 Series	504
	Through, Ground Conductor and Ex Terminal Blocks for DIN-35 and DIN-15 Rails 0.08 ... 2.5 (4 "f-st") mm ² (28 ... 12 AWG)	870 Series	508
	Multilevel Rail-Mount Terminal Blocks 0.08 ... 2.5 (4 "f-st") mm ² (28 ... 12 AWG)	870 Series	510
	Multilevel Diode and LED Terminal Blocks 0.08 ... 2.5 (4 "f-st") mm ² (28 ... 12 AWG)	870 Series	514
	Sensor and Actuator Terminal Blocks 0.08 ... 2.5 mm ² (28 ... 12 AWG)	270 Series	521
	Accessories for Rail-Mount Terminal Blocks		513

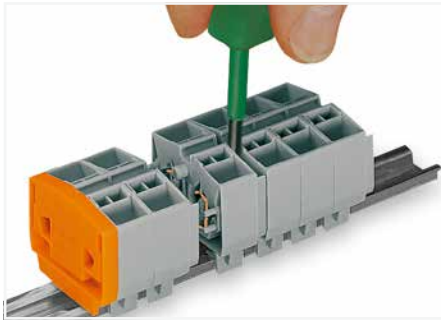
Rail-Mount Terminal Blocks Mini; for DIN-15 and DIN-35 Rails

264 Series

Description and Installation



Quick assembly keys prevent reverse mounting.



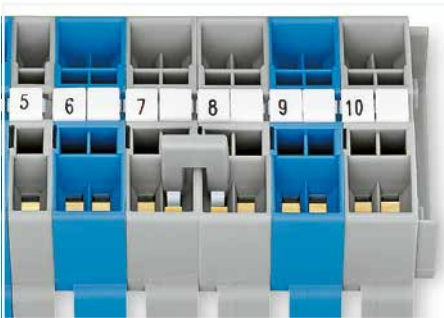
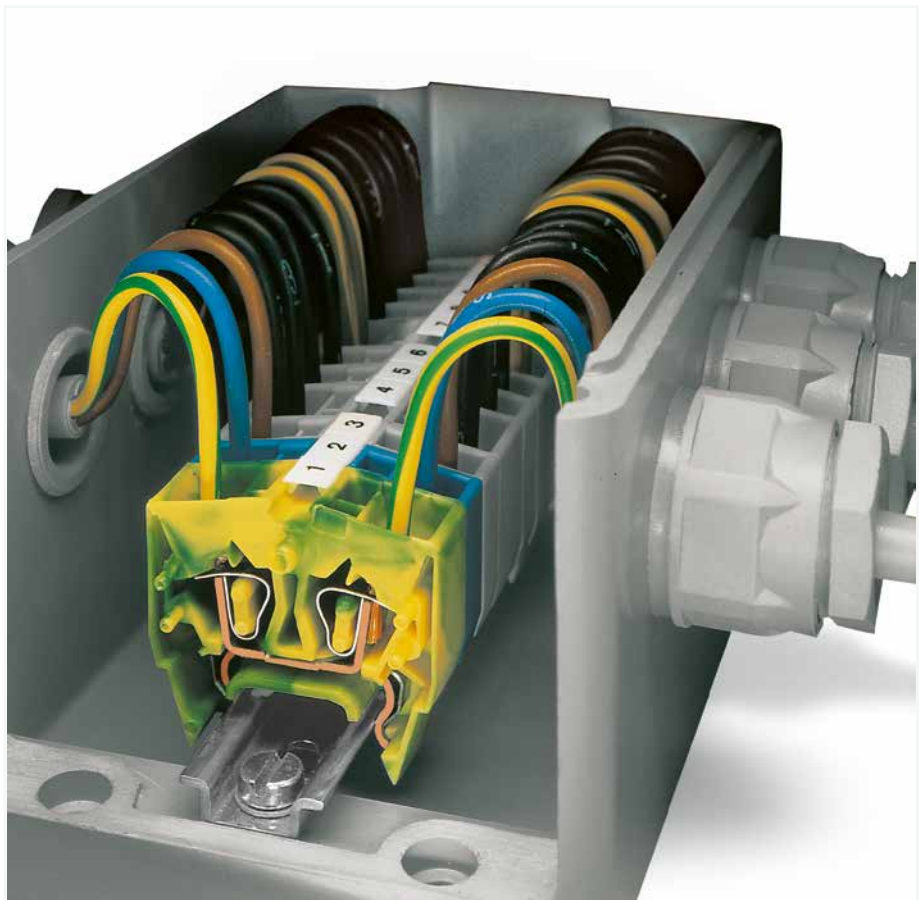
Separate terminal strip and slide individual terminal block laterally.



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



Commoning with comb-style jumper bar.



Commoning with comb-style jumper bar.



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



Combining 2- and 4-conductor terminal blocks.



Marking via Mini-WSB Quick Marking System.



CAGE CLAMP® terminates the following copper conductors:
solid "s"



stranded "st"

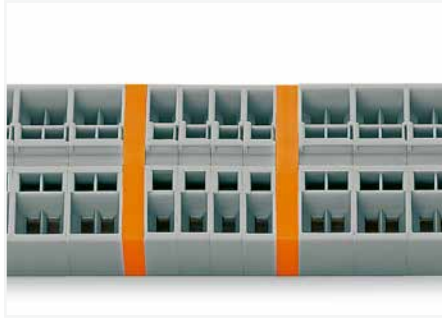


fine-stranded "f-st",
also with tinned
single strands

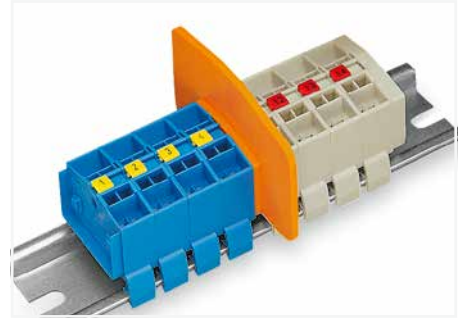
**CAGE CLAMP® termination:**

Inserting a conductor.

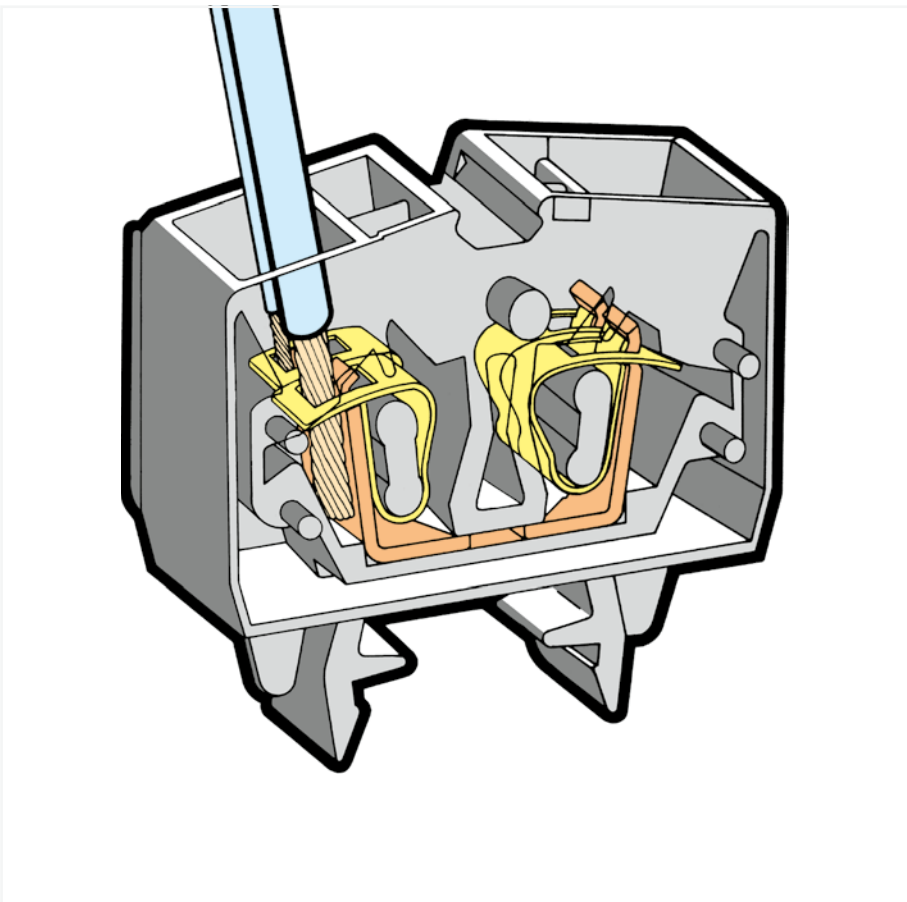
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.



Separating groups via intermediate plates.



Ex e/Ex i separator plate for miniature rail-mount terminal blocks



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 with T-marker tag (209-290).



fine-stranded,
tip-bonded



fine-stranded,
with ferrule
(gastight crimped)



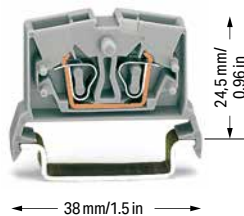
fine-stranded,
with pin terminal
(gastight crimped)

Miniature Through/Ground Conductor and Ex Terminal Block; for DIN-35 Rail

2.5 mm²; 264 Series

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
800 V / 8 kV / 3 ①	300 V, 20 A ②
I _N 24 A	600 V, 20 A ③
Terminal block width: 6 mm / 0.236 inch	
8 ... 9 mm / 0.31 ... 0.35 inch	



2-conductor miniature through terminal block; for DIN-35 rail

Color	Item No.	Pack. Unit
gray	264-711	100
blue	264-714 ②	100
orange	264-716	100
light gray ③	264-125 ③	100

Accessories; item-specific

Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	281-492	100 (25)
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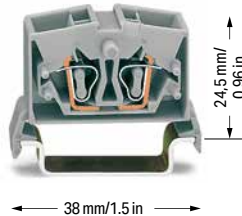
Test plug module; snaps together; 6 mm wide

gray	249-136	100 (25)
------	---------	----------



Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
800 V / 8 kV / 3 ①	300 V, 20 A ②
I _N 24 A	600 V, 20 A ③
Terminal block width: 10 mm / 0.394 inch	
8 ... 9 mm / 0.31 ... 0.35 inch	



4-conductor miniature through terminal block; for DIN-35 rail

Color	Item No.	Pack. Unit
gray	264-731	100
blue	264-734 ②	100
orange	264-736	100
light gray ③	264-225 ③	100

Accessories; item-specific

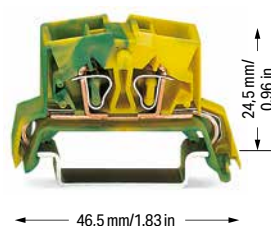
Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-492	200 (25)
-------	---------	----------



Test plug module; snaps together; 10 mm wide

gray	249-139	100 (25)
------	---------	----------



4-conductor miniature ground terminal block; for DIN-35 rail

Color	Item No.	Pack. Unit
green-yellow	264-737	100
green-yellow ③	264-737/999-950 ③	100

Accessories; item-specific

Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-492	200 (25)
-------	---------	----------



Test plug module; snaps together; 10 mm wide

gray	249-139	100 (25)
------	---------	----------



*12 AWG: THHN, THWN

- 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications.
0.5 ... 2.5 mm² / 20 ... 12 AWG*
690 V; 23 A (see Section 15)

See application notes for:
Alternate comb-style jumper bar, page 426
Test plug module, page 420
Mini-WSB marking system, page 684

Approvals and corresponding ratings, visit www.wago.com

Accessories; 264 Series

Appropriate marking systems:
Mini-WSB/Mini-WSB Inline/T-marker tag

End and intermediate plate; 4 mm thick

orange	264-369	25
gray	264-368	25
light gray	264-370	25



Ex e/Ex i separator; orange; 4 mm thick

66 mm	264-367	25
-------	---------	----



Comb-style jumper bar; insulated; reduces maximum conductor size to 1.5 mm²; I_N 16 A; gray

2-way	264-402	200 (25)
-------	---------	----------



Operating tool; insulated

2-way	280-432	1
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Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50
-----	---------	----



Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

white	2009-145	1
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Mini-WSB marking card; white; 10 strips with 10 markers/card; 5 mm wide markers

plain	248-501	5
-------	---------	---



Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)
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Steel DIN-rail; per EN 60715; 35 x 7.5 mm; 1 mm thick; 2 m long

slotted	210-112	10 (1)
unslotted	210-113	10



Aluminum DIN-rail; similar to EN 60715; 35 x 8.2 mm; 1.6 mm thick; 2 m long

unslotted	210-196	10
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Miniature Through/Ground Conductor and Ex Terminal Block; for DIN-15 Rail

2.5 mm²; 264 Series

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
800 V / 8 kV / 3 ①	300 V, 20 A ②
I _N 24 A	600 V, 20 A ③
Terminal block width: 6 mm / 0.236 inch	
8 ... 9 mm / 0.31 ... 0.35 inch	



← 32 mm / 1.26 in →

2-conductor miniature through terminal block; for DIN-15 rail

Color	Item No.	Pack. Unit
gray	264-701	100
blue	264-704 ②	100
orange	264-706	100
light gray ③	264-120 ③	100

Accessories; item-specific

Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	281-492	100 (25)
-------	---------	----------



Test plug module; snaps together; 6 mm wide

gray	249-136	100 (25)
------	---------	----------



Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
800 V / 8 kV / 3 ①	300 V, 20 A ②
I _N 24 A	600 V, 20 A ③
Terminal block width: 10 mm / 0.394 inch	
8 ... 9 mm / 0.31 ... 0.35 inch	



← 32 mm / 1.26 in →

4-conductor miniature through terminal block; for DIN-15 rail

Color	Item No.	Pack. Unit
gray	264-721	100
blue	264-724 ②	100
orange	264-726	100
light gray ③	264-220 ③	100

Accessories; item-specific

Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-492	200 (25)
-------	---------	----------



Test plug module; snaps together; 10 mm wide

gray	249-139	100 (25)
------	---------	----------



← 32 mm / 1.26 in →

4-conductor miniature ground terminal block; for DIN-15 rail

Color	Item No.	Pack. Unit
green-yellow	264-727	100
green-yellow ③	264-727/999-950 ③	100

Accessories; item-specific

Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-492	200 (25)
-------	---------	----------



Test plug module; snaps together; 10 mm wide

gray	249-139	100 (25)
------	---------	----------



*12 AWG: THHN, THWN

- 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications.
0.5 ... 2.5 mm² / 20 ... 12 AWG*
690 V; 23 A (see Section 15)

See application notes for:
Alternate comb-style jumper bar, page 426
Test plug module, page 420
Mini-WSB marking system, page 684

Approvals and corresponding ratings, visit www.wago.com

Accessories; 264 Series

Appropriate marking systems:
Mini-WSB/Mini-WSB Inline/T-marker tag

End and intermediate plate; 4 mm thick

orange	264-369	25
gray	264-368	25
light gray	264-370	25

Ex e/Ex i separator; orange; 4 mm thick

66 mm	264-367	25
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Comb-style jumper bar; insulated; reduces maximum conductor size to 1.5 mm²; I_N 16 A; gray

2-way	264-402	200 (25)
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Operating tool; insulated

2-way	280-432	1
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Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50
-----	---------	----



Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

white	2009-145	1
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Mini-WSB marking card; white; 10 strips with 10 markers/card; 5 mm wide markers

plain	248-501	5
-------	---------	---



Screwless end stop; for DIN-15 rail; 6 mm wide

gray	249-101	25
------	---------	----



Steel DIN-rail; per EN 60715; 15 x 5.5 mm; 1 mm thick; 2 m long

slotted	210-111	10 (1)
unslotted	210-295	10 (1)



Aluminum DIN-rail; similar to EN 60715; 15 x 5.5 mm; 1 mm thick; 2 m long

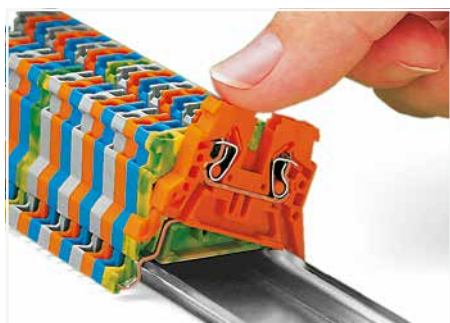
unslotted	210-296	1
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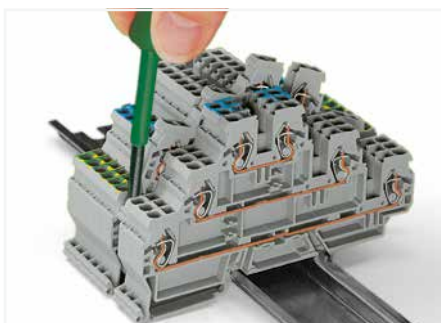
Rail-Mount Terminal Blocks Compact; for DIN-15 and DIN-35 Rails

870 Series

Description and Installation



Snapping a rail-mount terminal block onto DIN-35 rail.



Removing a terminal block from the assembly.



Inserting insulation stops into conductor entry holes of terminal strip.

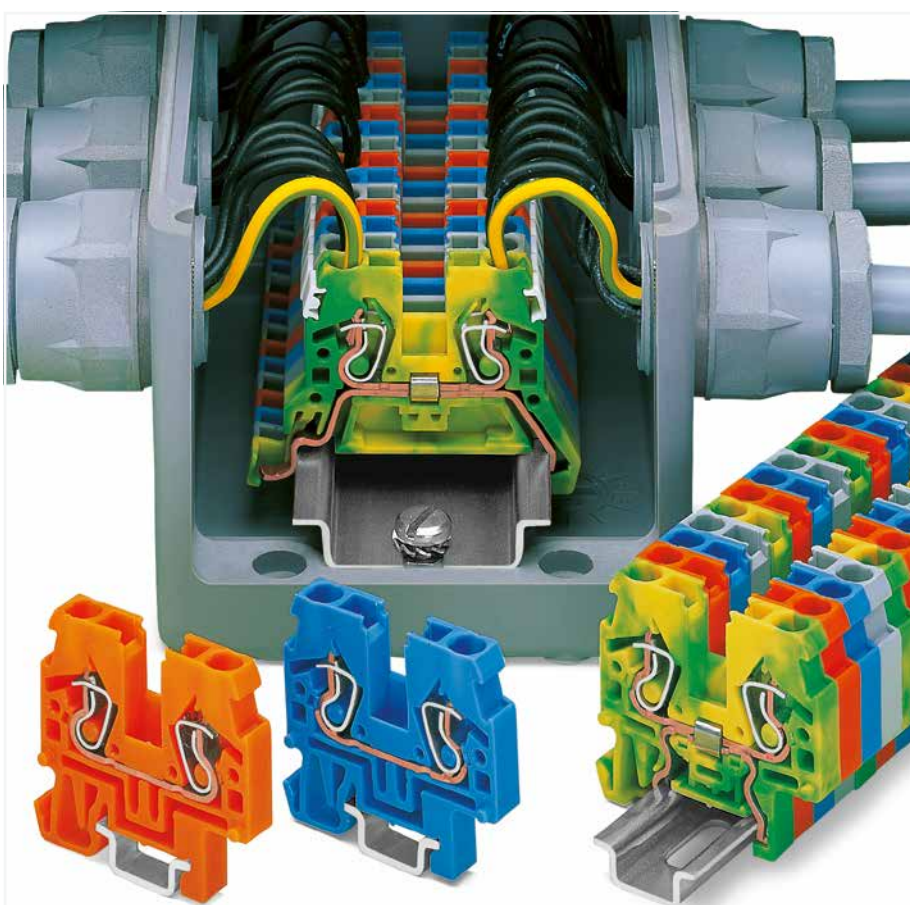


Push jumper bars down firmly until fully inserted. When using multipole bars, push alternately on the right and then left side until installed.

Push-in type jumper bars 1-3-5-7 or 1-4-7 are available upon request.



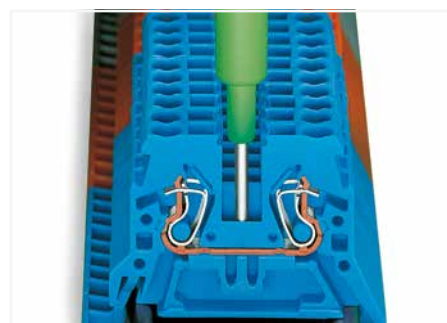
Commoning with push-in type jumper bars: Two parallel jumper slots are accommodated in one terminal block.



Commoning terminal blocks of different sizes via step-down jumpers.



Testing: Using a pre-wired module assembly, similar to test plugs.



Testing with phase testing device, also possible with single-pole voltage tester.



CAGE CLAMP® terminates the following copper conductors: solid "s"



stranded "st"

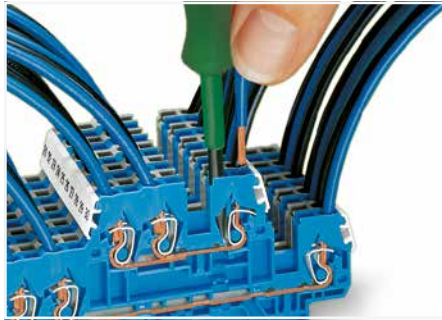


fine-stranded "f-st", also with tinned single strands

**CAGE CLAMP® termination:**

Inserting a conductor via operating tool (0.08 ... 4 mm² "f-st").

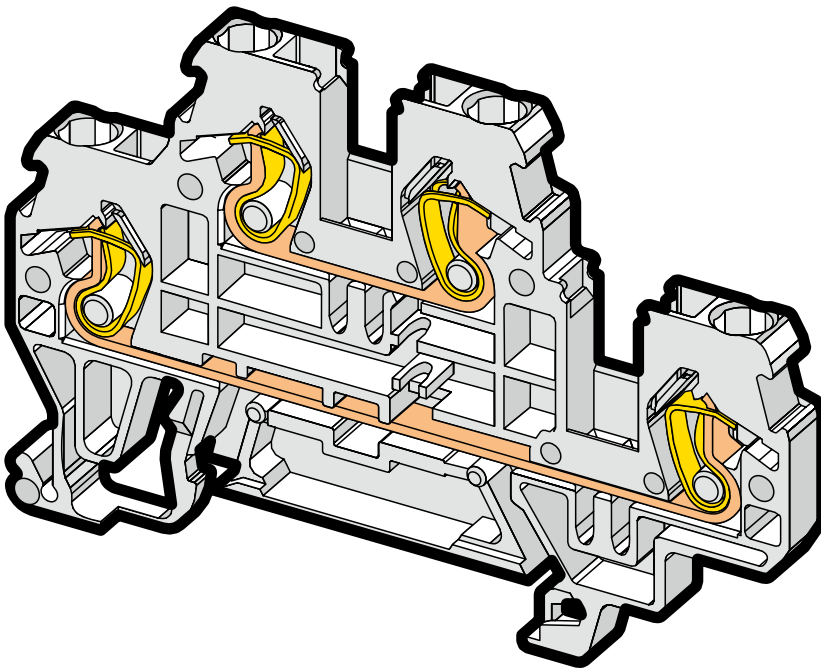
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

**CAGE CLAMP® termination:**

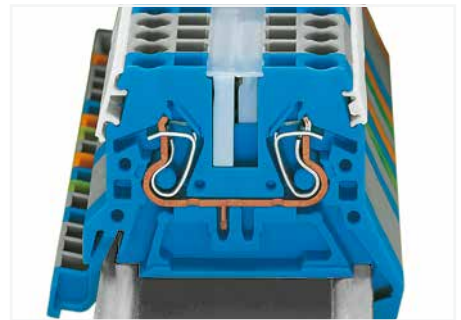
Inserting a conductor via operating tool (0.08 ... 4 mm² "f-st").

**Multilevel terminal blocks:**

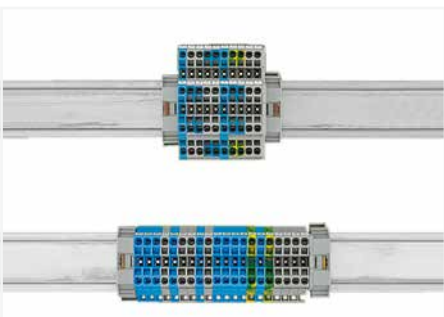
Double- and triple-deck terminal blocks with internal commoning acting as 4- and 6-conductor terminal blocks



Protective warning marker (280-405); with a black high-voltage symbol



WMB markers in Mini-WSB marker slots
Marking strip; translucent
Mini-WSB markers



Use 50% less rail space with double-deck terminal blocks.



Use 67% less rail space with triple-deck terminal blocks.



Translucent marking strip (709-196) – jumpers below may be visible.



fine-stranded,
tip-bonded



fine-stranded,
with ferrule
(gastight crimped)

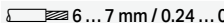


fine-stranded,
with pin terminal
(gastight crimped)

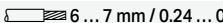
Through/Ground Conductor/Ex and Double-Potential Terminal Block for DIN-35 and DIN-15 Rails

2.5 (4 "f-st") mm²; 870 Series

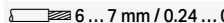
Technical Data

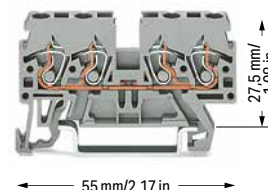
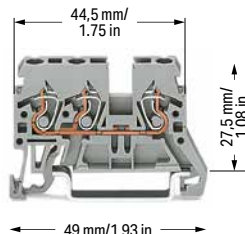
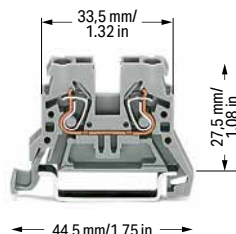
0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG
 500 V / 6 kV / 3 ② | 300 V, 20 A 
 I_N 24 A
 Terminal block width: 5 mm / 0.197 inch
 6 ... 7 mm / 0.24 ... 0.28 inch

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG
 500 V / 6 kV / 3 ② | 300 V, 20 A 
 I_N 24 A
 Terminal block width: 5 mm / 0.197 inch
 6 ... 7 mm / 0.24 ... 0.28 inch

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG
 500 V / 6 kV / 3 ② | 300 V, 20 A 
 I_N 24 A
 Terminal block width: 5 mm / 0.197 inch
 6 ... 7 mm / 0.24 ... 0.28 inch



2-conductor through terminal block; for DIN-35 rail

Color	Item No.	Pack. Unit
gray	870-901	100
blue	870-904 ③	100
orange	870-902	100
light gray ④	870-909 ④	100

3-conductor through terminal block; for DIN-35 rail

Color	Item No.	Pack. Unit
gray	870-681	100
blue	870-684 ③	100
orange	870-682	100

4-conductor through terminal block; for DIN-35 rail

Color	Item No.	Pack. Unit
gray	870-831	100
blue	870-834 ③	100
orange	870-832	100

2-conductor ground terminal block; for DIN-35 rail

Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

 green-yellow	870-907	100
 green-yellow ④	870-907/999-950 ④	100

3-conductor ground terminal block; for DIN-35 rail

Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

 green-yellow	870-687	100
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4-conductor ground terminal block; for DIN-35 rail

Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

 green-yellow	870-837	100
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Other terminal blocks with the same profile:

Double-potential	870-826	Page 467
------------------	---------	----------

Accessories; item-specific

End and intermediate plate; 2 mm thick

 orange	870-924	100 (25)
gray	870-923	100 (25)
light gray	870-925	100 (25)

Separator; oversized; 2 mm thick

 orange	870-929	100 (25)
gray	870-928	100 (25)

End and intermediate plate; 2 mm thick; for 2-conductor ground conductor Ex terminal blocks only

 green-yellow	870-926	100 (25)
--	---------	----------

Ex e/Ex i separator; orange; 3 mm thick

 90 mm	209-190	50 (25)
120 mm	209-191	50 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

 orange	870-934	100 (25)
gray	870-933	100 (25)

Separator; oversized; 1 mm thick

 orange	870-947	100 (25)
gray	870-946	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

 orange	870-944	100 (25)
gray	870-943	100 (25)

Separator; oversized; 1 mm thick

 orange	870-949	100 (25)
gray	870-948	100 (25)

Accessories; 870 Series

Appropriate marking systems: Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

 white	280-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

 light gray	280-471	200 (25)
--	---------	----------

Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

 dark gray	280-472	200 (25)
---	---------	----------

Push-in type jumper bar; insulated; I_N 18 A; light gray

 2-way	870-402	200 (25)
3-way	870-403	200 (25)
4-way	870-404	100 (25)
5-way	870-405	100 (25)
6-way	870-406	100 (25)
7-way	870-407	100 (25)
8-way	870-408	100 (25)
9-way	870-409	100 (25)
10-way	870-410	50 (25)

Push-in type jumper bar; insulated; I_N 18 A; light gray

 1 to 3	870-433	200 (25)
1 to 4	870-434	200 (25)
1 to 5	870-435	100 (25)
1 to 6	870-436	100 (25)
1 to 7	870-437	100 (25)
1 to 8	870-438	100 (25)
1 to 9	870-439	100 (25)
1 to 10	870-440	50 (25)

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① 28 ... 12 AWG

500 V / 6 kV / 3 ② 300 V, 20 A, ③

I_N 24 A

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch



34.5 mm / 1.36 in

2-conductor through terminal block; for DIN-15 rail

Color	Item No.	Pack. Unit
gray	870-911	100
light gray	870-914 ③	100
orange	870-912	100
light gray ④	870-919 ④	100

2-conductor ground terminal block; for DIN-15 rail

Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

green-yellow	870-917	100
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Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① 28 ... 12 AWG

500 V / 6 kV / 3 ② 300 V, 20 A, ③

I_N 24 A

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch



55 mm / 2.17 in

Double-potential terminal block; with integrated marking level

Color	Item No.	Pack. Unit
gray	870-826	100

Notice: These double-potential terminal blocks cannot be commoned with push-in type jumper bars! Front-entry double-potential terminal blocks are space savers.

Two independent feedthrough circuits are placed in one insulated housing on one level in just 5 mm. This achieves a width of just 2.5 mm versus standard through terminal blocks for a total height of just 27.5 mm from the upper-edge of DIN-rail.

Input and output of a circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

Technical data and accessories, visit www.wago.com

① Max. insulation diameter: 4.4 mm

② 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

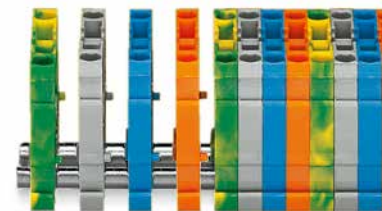
③ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

④ Suitable for Ex e II applications
0.2 ... 2.5 (4 "f-st") mm² / 24 ... 12 AWG
440 V; 22 A
(see Section 15)

Using one or more push-in type jumper bars, the maximum rated voltage is reduced to 275 V and the rated current to 13.5 A.

See application notes for:
Insulation stop, page 425
Tap-off module, page 518
Group marker carrier, page 513

Approvals and corresponding ratings, visit www.wago.com



8

Accessories; item-specific

End and intermediate plate; 2 mm thick

orange	870-924	100 (25)
gray	870-923	100 (25)
light gray	870-925	100 (25)

Separator; oversized; 2 mm thick

orange	870-929	100 (25)
gray	870-928	100 (25)

End and intermediate plate; 2 mm thick; for 2-conductor ground conductor Ex terminal blocks only

green-yellow	870-926	100 (25)
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Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	870-944	100 (25)
gray	870-943	100 (25)

Separator; oversized; 1 mm thick

orange	870-949	100 (25)
gray	870-948	100 (25)

Mounting on DIN-15 rail:

Snap individual terminal blocks onto the DIN-15 rail and slide together.

Removal from DIN-15 rail:

Open assembly by laterally sliding terminal blocks with an operating tool and remove them from the rail.



In order to meet creepage and clearance requirements for Ex e applications, it is necessary to insert an end or intermediate plate between a through and a ground conductor terminal block.

End plates 870-923 (gray), 870-924 (orange) and 870-925 (light gray), as well as separator plates 870-928 (gray) and 870-929 (orange) cannot be assembled to 2-conductor ground Ex terminal blocks (870-907/999-950).

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	280-405	100 (25)
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Tap-off module; with anti-reverse mating protection; snaps together; 5 mm wide

gray	870-425	100 (25)
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Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

white	2009-145	1
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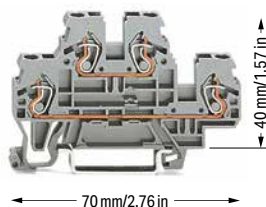
Mini-WSB marking card; white; 10 strips with 10 markers/ card; 5 mm wide markers

plain	248-501	5
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Double-Deck Terminal Block 2.5 (4 "f-st") mm²; 870 Series

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG
500 V / 6 kV / 3 ② | 300 V, 20 A I_N
 I_N 24 A
Terminal block width: 5 mm / 0.197 inch
6 ... 7 mm / 0.24 ... 0.28 inch



Double-deck terminal block; through/through terminal block; gray

	Item No.	Pack. Unit
○ L/L	870-501	50
○ N/L	870-502	50
○ L/N	870-503	50

Double-deck terminal block; through/through terminal block; blue

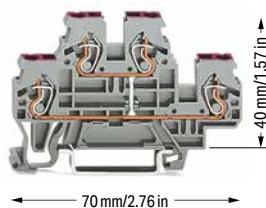
● N/N	870-504 ③	50
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Double-deck terminal block; through/through terminal block; light gray

○ L/L ④	870-961 ④	50
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Other terminal blocks with the same profile:

Diode	870-540/281-410	Page 472
LED	870-543/281-434	Page 472



Double-deck terminal block; 4-conductor through terminal block; internally commoned; Violet conductor entry; gray

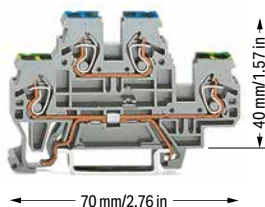
	Item No.	Pack. Unit
○ L	870-508	50

Double-deck terminal block; 4-conductor through terminal block; internally commoned; Violet conductor entry; blue

● N	870-509 ③	50
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Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG
500 V / 6 kV / 3 ②
 I_N 24 A
Terminal block width: 5 mm / 0.197 inch
6 ... 7 mm / 0.24 ... 0.28 inch

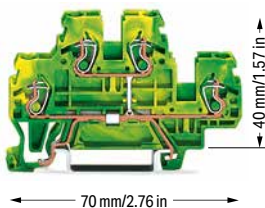


Double-deck terminal block; ground conductor/through terminal block; gray

	Item No.	Pack. Unit
○ PE/N	870-517	50
○ PE/L	870-527	50

Double-deck terminal block; ground conductor/through terminal block; light gray

○ PE/L ⑤	870-967/999-950 ③	50
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Double-deck terminal block; 4-conductor ground terminal block; internally commoned; green-yellow

	Item No.	Pack. Unit
● PE	870-507	50

- Max. insulation diameter: 4.4 mm
- 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Suitable for Ex e II applications
0.2 ... 2.5 (4 "f-st") mm² / 24 ... 12 AWG
440 V; 22 A (see Section 15)
Using one or more push-in type jumper bars, the maximum rated voltage is reduced to 275 V and the rated current to 13.5 A.

See application notes for:
Insulation stop, page 425
Group marker carrier, page 513

Approvals and corresponding ratings, visit www.wago.com

Accessories; 870 Series

Appropriate marking systems:
Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

End and intermediate plate; 2 mm thick

orange	870-519	100 (25)
gray	870-518	100 (25)

Ex e/Ex i separator; orange; 3 mm thick

125.5 mm	209-192	50 (25)
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Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

white	280-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

light gray	280-471	200 (25)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

dark gray	280-472	200 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	280-405	100 (25)
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Push-in type jumper bar; insulated; I_N 18 A; light gray

2-way	870-402	200 (25)
3-way	870-403	200 (25)
4-way	870-404	100 (25)
5-way	870-405	100 (25)
6-way	870-406	100 (25)
7-way	870-407	100 (25)
8-way	870-408	100 (25)
9-way	870-409	100 (25)
10-way	870-410	50 (25)

Push-in type jumper bar; insulated; I_N 18 A; light gray

1 to 3	870-433	200 (25)
1 to 4	870-434	200 (25)
1 to 5	870-435	100 (25)
1 to 6	870-436	100 (25)
1 to 7	870-437	100 (25)
1 to 8	870-438	100 (25)
1 to 9	870-439	100 (25)
1 to 10	870-440	50 (25)

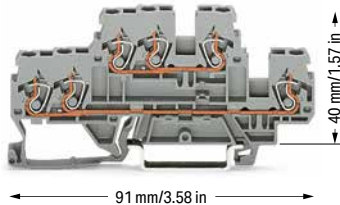
3-Conductor Double-Deck Terminal Block

2.5 (4 "f-st") mm²; 870 Series

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG500 V / 6 kV / 3 ② | 300 V, 20 A I_N I_N 24 A

Terminal block width: 5 mm / 0.197 inch

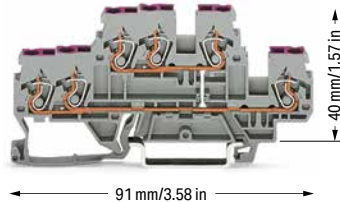
 6 ... 7 mm / 0.24 ... 0.28 inch

3-conductor double-deck terminal block; through/through terminal block; gray

	Item No.	Pack. Unit
○ L/L	870-531	50
○ N/L	870-532	50
○ L/N	870-533	50

3-conductor double-deck terminal block; through/through terminal block; blue

● N/N	870-534 ③	50
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3-conductor double-deck terminal block; 6-conductor through terminal block; internally commoned; Violet conductor entry; gray

	Item No.	Pack. Unit
○ L	870-538	50

3-conductor double-deck terminal block; 6-conductor through terminal block; internally commoned; Violet conductor entry; blue

● N	870-539 ③	50
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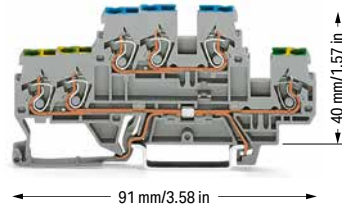
Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG

500 V / 6 kV / 3 ②

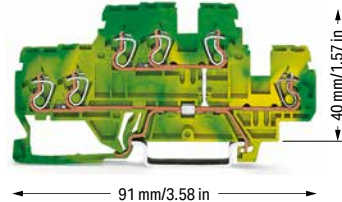
 I_N 24 A

Terminal block width: 5 mm / 0.197 inch

 6 ... 7 mm / 0.24 ... 0.28 inch

3-conductor double-deck terminal block; ground conductor/through terminal block; gray

	Item No.	Pack. Unit
○ PE/N	870-535	50
○ PE/L	870-536	50



3-conductor double-deck terminal block; 6-conductor ground terminal block; internally commoned; green-yellow conductor entry; gray

	Item No.	Pack. Unit
● PE	870-537	50

① Max. insulation diameter: 4.4 mm

② 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

③ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

See application notes for:
Insulation stop, page 425
Group marker carrier, page 513

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 870 Series

Appropriate marking systems:
Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

End and intermediate plate; 2 mm thick

	orange	870-574	100 (25)
	gray	870-573	100 (25)

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

	white	280-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

	light gray	280-471	200 (25)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

	dark gray	280-472	200 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

	yellow	280-405	100 (25)
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Push-in type jumper bar; insulated; I_N 18 A; light gray

	2-way	870-402	200 (25)
	3-way	870-403	200 (25)
	4-way	870-404	100 (25)
	5-way	870-405	100 (25)
	6-way	870-406	100 (25)
	7-way	870-407	100 (25)
	8-way	870-408	100 (25)
	9-way	870-409	100 (25)
	10-way	870-410	50 (25)

Push-in type jumper bar; insulated; I_N 18 A; light gray

	1 to 3	870-433	200 (25)
	1 to 4	870-434	200 (25)
	1 to 5	870-435	100 (25)
	1 to 6	870-436	100 (25)
	1 to 7	870-437	100 (25)
	1 to 8	870-438	100 (25)
	1 to 9	870-439	100 (25)
	1 to 10	870-440	50 (25)

Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

	white	2009-145	1
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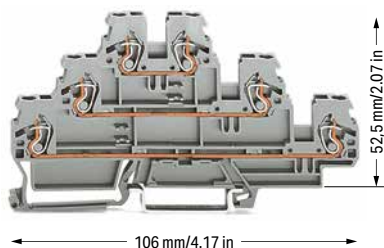
Mini-WSB marking card; white; 10 strips with 10 markers/card; 5 mm wide markers

	plain	248-501	5
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Triple-Deck Terminal Block 2.5 (4 "f-st") mm²; 870 Series

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG
 500 V / 6 kV / 3 ② | 300 V, 20 A I_N
 I_N 24 A
 Terminal block width: 5 mm / 0.197 inch
 6 ... 7 mm / 0.24 ... 0.28 inch



Triple-deck terminal block; through/through/through terminal block; gray

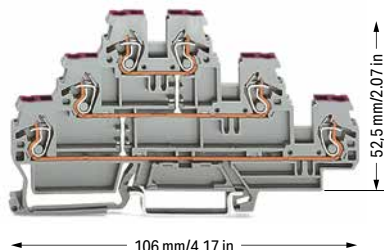
	Item No.	Pack. Unit
○ L/L/L	870-551	50
○ L/L/N	870-553	50

Triple-deck terminal block; through/through/through terminal block; light gray

○ L/L/L ④	870-951 ④	50
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Other terminal blocks with the same profile:

Diode	870-590/281-410	Page 474
LED	870-593/281-434	Page 474

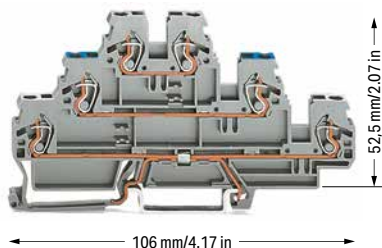


Triple-deck terminal block; 6-conductor through terminal block; internally commoned; Violet conductor entry; gray

	Item No.	Pack. Unit
○ L	870-556	50

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG
 500 V / 6 kV / 3 ② | 28 ... 12 AWG
 I_N 24 A
 Terminal block width: 5 mm / 0.197 inch
 6 ... 7 mm / 0.24 ... 0.28 inch



Triple-deck terminal block; shield conductor/through/through terminal block; gray

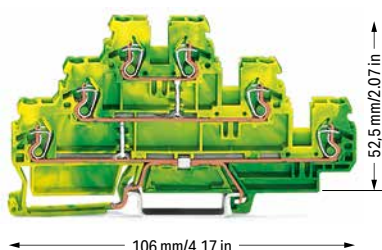
	Item No.	Pack. Unit
○ Shield/N/L	870-558	50
○ Shield/L/L	870-559	50

Triple-deck terminal block; ground conductor/through/through terminal block; gray

○ PE/N/L	870-567	50
○ PE/L/L	870-577	50

Triple-deck terminal block; ground conductor/through/through terminal block; light gray

○ PE/L/L ④	870-957/999-950 ④	50
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Triple-deck terminal block; 6-conductor ground terminal block; internally commoned; green-yellow

	Item No.	Pack. Unit
● PE	870-557	50

- Max. insulation diameter: 4.4 mm
- 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree (see Section 15)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Suitable for Ex e II applications
0.2 ... 2.5 (4 "f-st") mm² / 24 ... 12 AWG
440 V; 22 A
(see Section 15)
Using one or more push-in type jumper bars, the maximum rated voltage is reduced to 275 V and the rated current to 13.5 A.

See application notes for:
 Insulation stop, page 425
 Group marker carrier, page 513

Approvals and corresponding ratings,
 visit www.wago.com

Accessories; 870 Series

Appropriate marking systems:
 Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

End and intermediate plate; 2 mm thick

orange	870-569	100 (25)
gray	870-568	100 (25)

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

white	280-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

light gray	280-471	200 (25)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

dark gray	280-472	200 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	280-405	100 (25)
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Push-in type jumper bar; insulated; I_N 18 A; light gray

2-way	870-402	200 (25)
3-way	870-403	200 (25)
4-way	870-404	100 (25)
5-way	870-405	100 (25)
6-way	870-406	100 (25)
7-way	870-407	100 (25)
8-way	870-408	100 (25)
9-way	870-409	100 (25)
10-way	870-410	50 (25)

Push-in type jumper bar; insulated; I_N 18 A; light gray

1 to 3	870-433	200 (25)
1 to 4	870-434	200 (25)
1 to 5	870-435	100 (25)
1 to 6	870-436	100 (25)
1 to 7	870-437	100 (25)
1 to 8	870-438	100 (25)
1 to 9	870-439	100 (25)
1 to 10	870-440	50 (25)

Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

white	2009-145	1
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Group Marker Carrier, Marking Strip and Push-In Type Jumper Bar



Group marker carrier; fits into the jumper slot of the current bars
Module width: 5 mm

Color	Item No.	Pack. Unit
☐ gray	870-184	50 (25)

Group marker carrier; fits into the jumper slot of the current bars
Module width: 10 mm

☐ gray	870-183	50 (25)
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Group marker carrier; fits into the jumper slot of the current bars
Module width: 15 mm

☐ gray	870-182	50 (25)
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Marking strip; plain; 7.5 mm wide; 1 m long

Color	Item No.	Pack. Unit
☐ translucent	709-196	50 (25)



In addition to the plastic marker strips, group marker carriers are now available for the WMB and WSB marking systems. They can be mounted in parallel to a push-in type jumper bar via the open jumper contact slot. It is also very useful if the marker slots on the side of the terminal block are hidden. The carriers are available in the following widths: 5 mm (0.197 inch), 10 mm (0.394 inch) and 15 mm (0.591 inch).

Notice:
Group marker carriers are not suitable for ground conductor terminal blocks and double potential terminal blocks as they have no jumper contact slots.



Ready-made push-in type jumper bar; insulated; I_N 18 A; light gray

	Item No.	Pack. Unit
☐ 1-3-5	870-405/011-000	200 (25)
☐ 1-3-5-7	870-407/011-000	200 (25)
☐ 1-3-5-7-9	870-409/011-000	100 (25)



Delta jumper; insulated; 1-2 3-4 5-6; I_N 18 A

Color	Item No.	Pack. Unit
☐ light gray	870-406/020-000	100 (25)

Double-Deck Diode Terminal Block and LED Terminal Block

2.5 (4 "f-st") mm²; 870 Series

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWGU_N 250 V; U_{RM} 1000 V

1N4007 – 0.5 A continuous current

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWGU_N 250 V; U_{RM} 1000 V

1N4007 – 0.5 A continuous current

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch

Technical Data

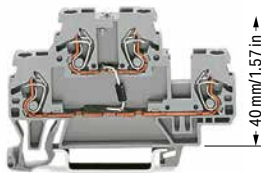
0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG

24 VDC

I_F 0.025 A max.

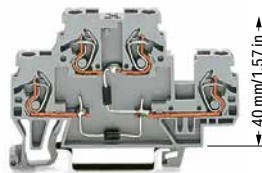
Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch



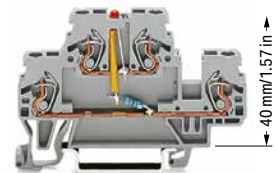
870-540/281-410

870-540/281-411



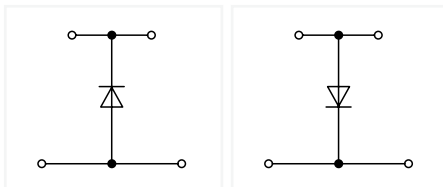
870-541/281-492

870-541/281-491



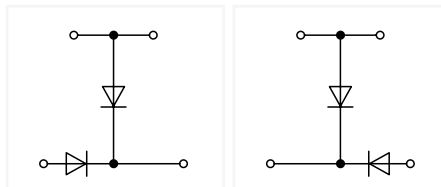
870-543/281-413

870-543/281-434



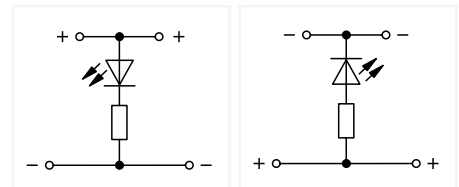
Double-deck diode terminal block; with 1N4007 diode

	Item No.	Pack. Unit
○ anode bottom	870-540/281-410	50
○ anode top	870-540/281-411	50



Double-deck diode terminal block; with two 1N4007 diodes

	Item No.	Pack. Unit
○ anode top, anode left	870-541/281-492	50
○ anode top, anode right	870-541/281-491	50

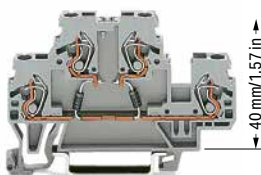


Double-deck LED terminal block; with red LED

	Item No.	Pack. Unit
○ anode top	870-543/281-413	50
○ anode bottom	870-543/281-434	50

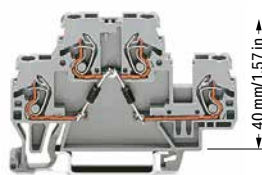
Other terminal blocks with the same profile:

Through	870-501	Page 468
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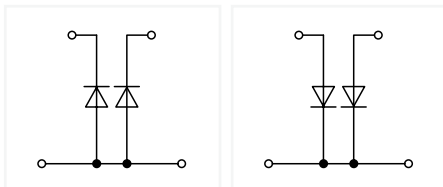
870-542/281-487

870-542/281-488



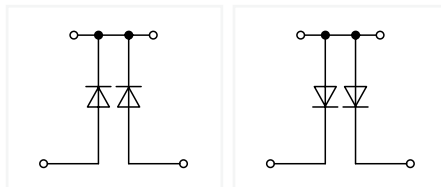
870-541/281-489

870-541/281-490



Double-deck diode terminal block; with two 1N4007 diodes

	Item No.	Pack. Unit
○ anodes bottom	870-542/281-487	50
○ anodes top	870-542/281-488	50



Double-deck diode terminal block; with two 1N4007 diodes

	Item No.	Pack. Unit
○ anodes bottom	870-541/281-489	50
○ anodes top	870-541/281-490	50

Double-Deck Diode Terminal Blocks and LED Terminal Blocks

Circuit Configuration Examples

❶ Max. insulation diameter: 4.4 mm

See application notes for:
Insulation stop, page 425
Group marker carrier, page 513

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 870 Series

Appropriate marking systems:
Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

End and intermediate plate; 2 mm thick

	orange	870-519	100 (25)
	gray	870-518	100 (25)

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

	white	280-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

	light gray	280-471	200 (25)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

	dark gray	280-472	200 (25)
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Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

	yellow	280-405	100 (25)
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Push-in type jumper bar; insulated; I_N 18 A; light gray

	2-way	870-402	200 (25)
	3-way	870-403	200 (25)
	4-way	870-404	100 (25)
	5-way	870-405	100 (25)
	6-way	870-406	100 (25)
	7-way	870-407	100 (25)
	8-way	870-408	100 (25)
	9-way	870-409	100 (25)
	10-way	870-410	50 (25)

Push-in type jumper bar; insulated; I_N 18 A; light gray

	1 to 3	870-433	200 (25)
	1 to 4	870-434	200 (25)
	1 to 5	870-435	100 (25)
	1 to 6	870-436	100 (25)
	1 to 7	870-437	100 (25)
	1 to 8	870-438	100 (25)
	1 to 9	870-439	100 (25)
	1 to 10	870-440	50 (25)

Marking strip; plain; 7.5 mm wide; 1 m long

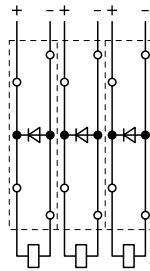
	translucent	709-196	1
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Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

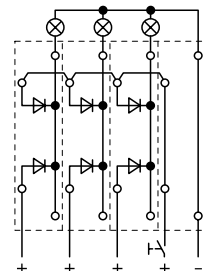
	white	2009-145	1
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Mini-WSB marking card; white; 10 strips with 10 markers/card; 5 mm wide markers

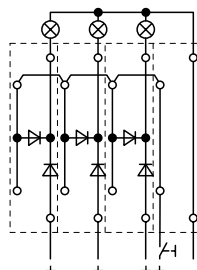
	plain	248-501	5
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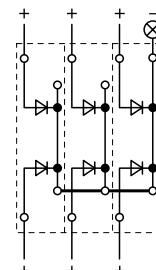
Recovery diodes can be created using the following terminal blocks:
870-540/281-410 or 870-540/281-411



Lamp test circuits can be created using the following terminal blocks:
870-542/281-487 or 870-542/281-488



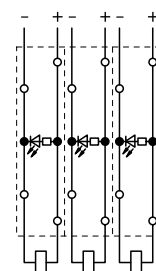
Lamp test circuits can be created using the following terminal blocks:
870-541/281-492 or 870-541/281-491



Collective fault signals can be created using the following terminal blocks:
870-541/281-489 or 870-541/281-490

Double-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits. Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits. These terminal blocks provide high-density wiring in a width of just 5 mm.

Push-in type jumper bars provide additional options for custom circuit design.



Circuit-related voltage indications can be created using the following terminal blocks:
870-543/281-434 or 870-543/281-413

Triple-Deck Diode Terminal Block and LED Terminal Block

2.5 (4 "f-st") mm²; 870 Series

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWGU_N 250 V; U_{RM} 1000 V

1N4007 – 0.5 A continuous current

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch

Technical Data

0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWGU_N 250 V; U_{RM} 1000 V

1N4007 – 0.5 A continuous current

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch

Technical Data

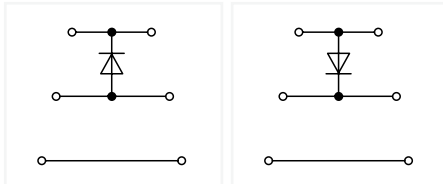
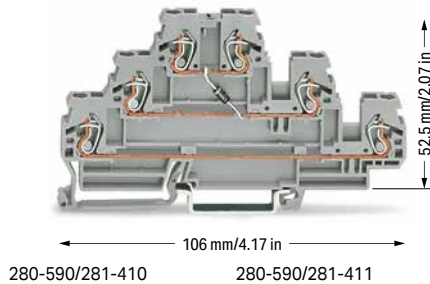
0.08 ... 2.5 (4 "f-st") mm² ① | 28 ... 12 AWG

24 VDC

I_F 0.025 A max.

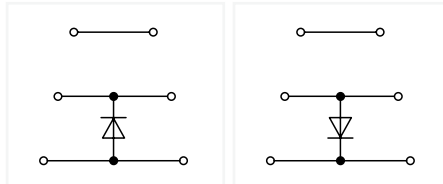
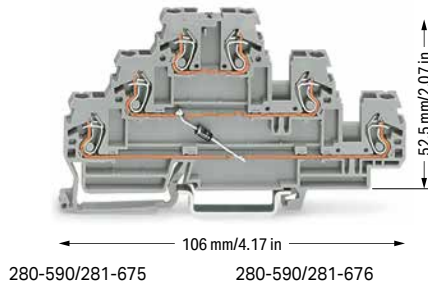
Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch



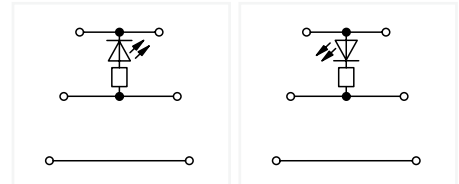
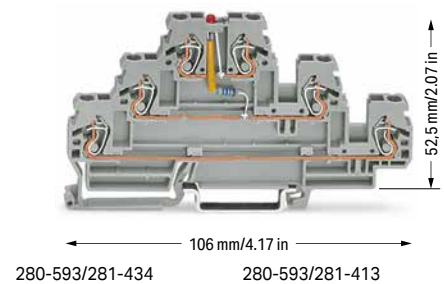
Triple-deck diode terminal block; with 1N4007 diode

	Item No.	Pack. Unit
○ anode bottom	870-590/281-410	50
○ anode top	870-590/281-411	50



Triple-deck diode terminal block; with two 1N4007 diodes

	Item No.	Pack. Unit
○ anode bottom	870-590/281-675	50
○ anode top	870-590/281-676	50

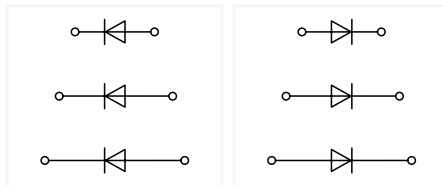
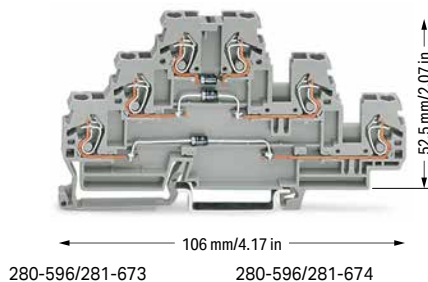


Triple-deck LED terminal block; with red LED

	Item No.	Pack. Unit
○ anode bottom	870-593/281-434	50
○ anode top	870-593/281-413	50

Other terminal blocks with the same profile:

Through	870-551	Page 470
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Triple-deck diode terminal block; with two 1N4007 diodes

	Item No.	Pack. Unit
○ anodes right	870-596/281-673	50
○ anodes left	870-596/281-674	50

1 Max. insulation diameter: 4.4 mm

See application notes for:
Insulation stop, page 425
Group marker carrier, page 513

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 870 Series

Appropriate marking systems:
Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

End and intermediate plate; 2 mm thick

	orange	870-569	100 (25)
	gray	870-568	100 (25)

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

	white	280-470	200 (25)
	light gray	280-471	200 (25)

Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

	light gray	280-471	200 (25)
	dark gray	280-472	200 (25)

Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

	dark gray	280-472	200 (25)
	yellow	280-405	100 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

	yellow	280-405	100 (25)
	light gray	280-406	100 (25)

Push-in type jumper bar; insulated; I_N 18 A; light gray

	2-way	870-402	200 (25)
	3-way	870-403	200 (25)
	4-way	870-404	100 (25)
	5-way	870-405	100 (25)
	6-way	870-406	100 (25)
	7-way	870-407	100 (25)
	8-way	870-408	100 (25)
	9-way	870-409	100 (25)
	10-way	870-410	50 (25)
	11-way	870-411	50 (25)

Push-in type jumper bar; insulated; I_N 18 A; light gray

	1 to 3	870-433	200 (25)
	1 to 4	870-434	200 (25)
	1 to 5	870-435	100 (25)
	1 to 6	870-436	100 (25)
	1 to 7	870-437	100 (25)
	1 to 8	870-438	100 (25)
	1 to 9	870-439	100 (25)
	1 to 10	870-440	50 (25)
	1 to 11	870-441	50 (25)
	1 to 12	870-442	50 (25)

Marking strip; plain; 7.5 mm wide; 1 m long

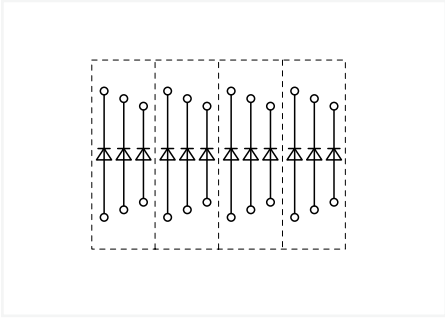
	translucent	709-196	1
	white	2009-145	1

Mini-WSB Inline, plain; 1,700 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

	white	2009-145	1
	black	2009-146	1

Mini-WSB marking card; white; 10 strips with 10 markers/ card; 5 mm wide markers

	plain	248-501	5
	black	248-502	5



Triple-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits. Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits.

These terminal blocks provide high-density wiring in a width of just 5 mm.

Push-in type jumper bars provide additional options for custom circuit design.

Pluggable Tap-Off Modules 870 Series Description and Installation



Snapping tap-off and spacer modules together to assemble a multipole tap-off module (max. 10 poles).



Module assembly with CAGE CLAMP® connections (0.25 ... 2.5 mm²/24 ... 14 AWG), including strain relief plate and marker slots for Mini-WSB or WMB markers.

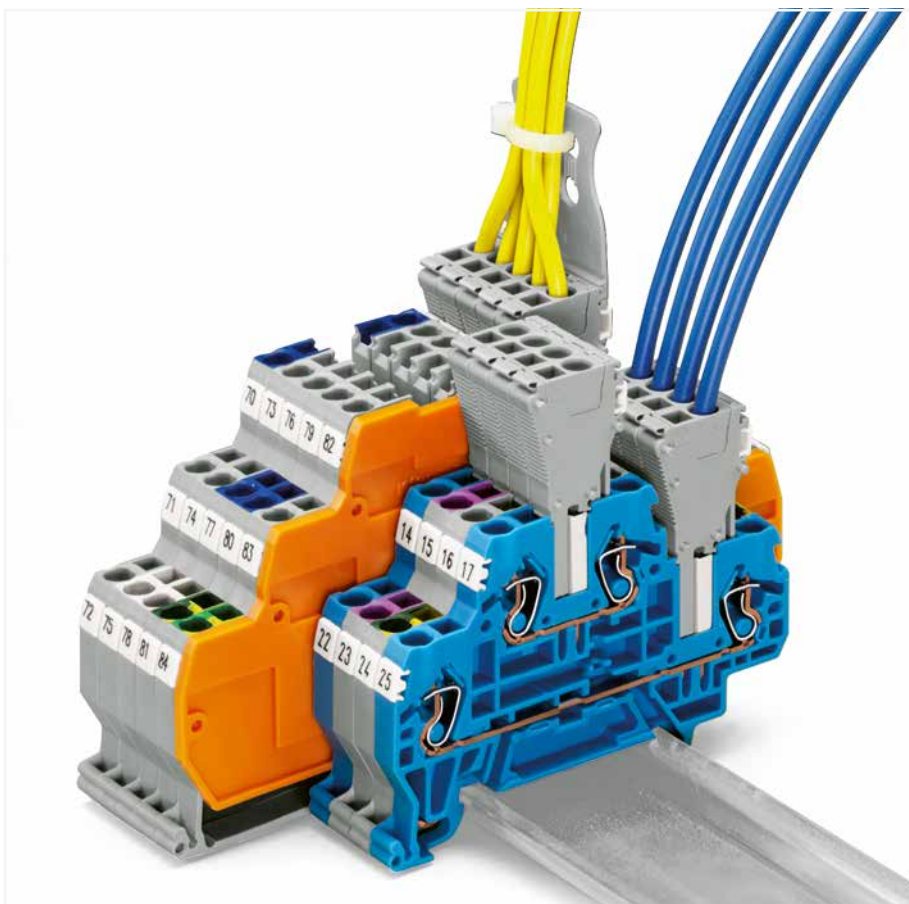


The tap-off module assembly can be directly plugged into the jumper contact slot of the current bar. The terminal blocks can also be commoned via push-in type jumper bars parallel to the jumper slots being used by the modules.



CAGE CLAMP® termination:

Tap-off modules are used when additional or removable connections are required (can be used as a permanent connection or a test plug). Wiring is possible whether the modules are plugged into the assembly or not.



Using anti-reverse mating modules at both ends of a module assembly prevents reverse mating.



Three anti-reverse mating modules are necessary when snapping more than seven tap-off modules together.



Testing is also possible using a pre-wired tap-off module assembly in the very same way as test plugs.



CAGE CLAMP® terminates the following copper conductors: solid "s"



stranded "st"



fine-stranded "f-st", also with tinned single strands

Pluggable Tap-Off Module

870 Series

Technical Data	
0.25 ... 2.5 mm²	22 ... 14 AWG
500 V / 6 kV / 3 ❶	
I _N 18 A	
Module width: 5 mm / 0.197 inch	
 10 mm / 0.38 inch	



Technical Data	
0.25 ... 2.5 mm²	22 ... 14 AWG
500 V / 6 kV / 3 ❶	
I _N 10 A	
Module width: 5 mm / 0.197 inch	
 10 mm / 0.38 inch	



- ❶ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)
- Approvals and corresponding ratings,
visit www.wago.com

Pluggable tap-off module; with anti-reverse mating protection; snaps together; for 870 Series Rail-Mount Terminal Blocks with jumper slots in the current bar		
Color	Item No.	Pack. Unit
 gray	870-425	100 (25)

Pluggable tap-off module; snaps together; for 870 Series Rail-Mount Terminal Blocks with jumper slots in the current bar		
Color	Item No.	Pack. Unit
 gray	870-426	100 (25)

Spacer module; snaps together; bridges terminal blocks		
 gray	870-427	100 (25)

Accessories; for pluggable tap-off modules

Appropriate marking systems: Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

Strain relief plate; gray			
	35 mm wide	734-326	100 (25)
	6 mm wide	734-327	100 (25)
	12.5 mm wide	734-328	100 (25)
	25 mm wide	734-329	100 (25)

Mini-WSB marking card; white; 10 strips with 10 markers/card; 5 mm wide markers		
	plain	248-501 5

WMB marking card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm		
	plain	793-5501 5

WMB marking card; white; 10 strips with 10 markers/card; for 5 ... 17.5 mm terminal block width		
	plain	793-501 5

Sensor Terminal Blocks and Actuator Terminal Blocks

270 Series

Description and Installation



Inserting a jumper.



Commoning a supply voltage using uninsulated push-in type jumper bars, 2- to 9-way or 17-way (2 x 8 bits), depending on application.



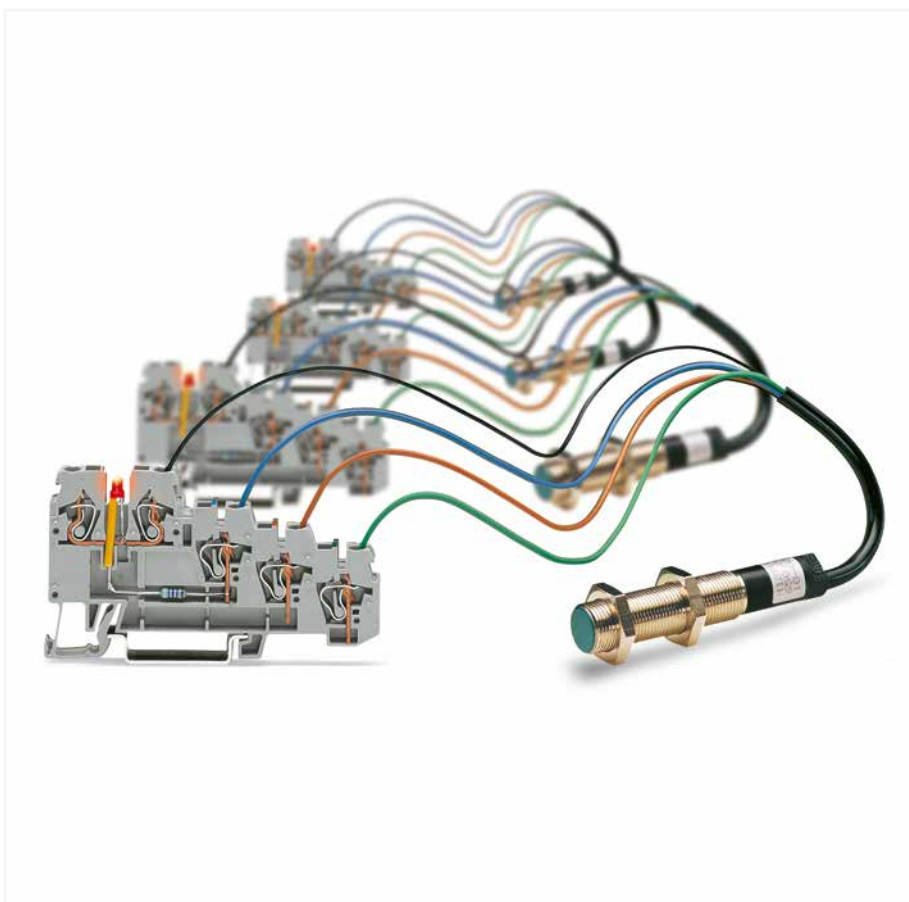
Commoning signal level voltage via insulated push-in type jumper bars (870 Series) – 2- to 9-way, depending on application. Sensor LED terminal blocks cannot be commoned!



Terminal block assembly:
Sensor terminal blocks



Terminal block assembly:
Sensor LED terminal blocks



Marking strip (Item No. 709-196)
Not suitable for LED terminal blocks!



Sensor LED terminal block

CAGE CLAMP® terminates the following copper conductors:
solid "s" stranded "st"

fine-stranded "f-st",
also with tinned
single strands

fine-stranded,
tip-bonded

fine-stranded,
with ferrule
(gastight crimped)

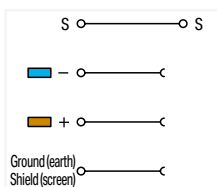
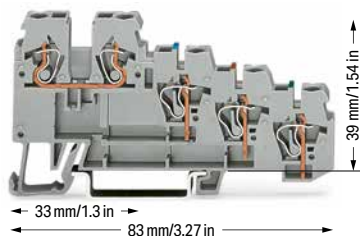
fine-stranded,
with pin terminal
(gastight crimped)

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

4-Conductor Sensor Terminal Block and 4-Conductor Sensor LED Terminal Block 2.5 mm²; 270 Series

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
250 V / 4 kV / 3 ①	300 V, 20 A ②
I _N 18 A ②	300 V, 10 A ③
Terminal block width: 5 mm / 0.197 inch	
6 ... 7 mm / 0.24 ... 0.28 inch	

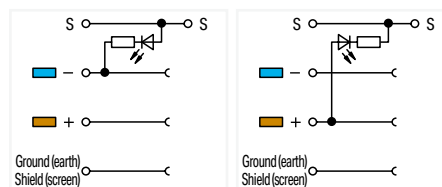
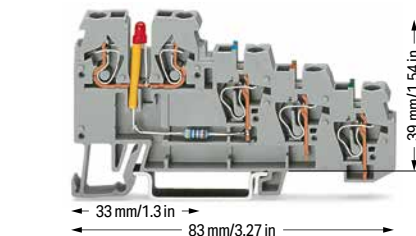


4-conductor sensor terminal block

Color	Item No.	Pack. Unit
gray	270-570	50

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
24 VDC ③	
Terminal block width: 5 mm / 0.197 inch	
6 ... 7 mm / 0.24 ... 0.28 inch	

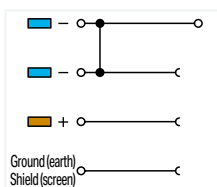
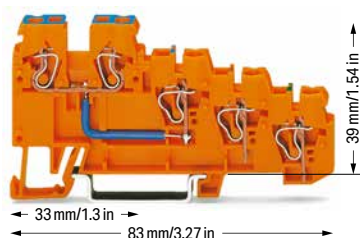


4-conductor sensor LED terminal block; for PNP (high-side) switching sensors; Red LED

Color	Item No.	Pack. Unit
gray	270-570/281-434	50

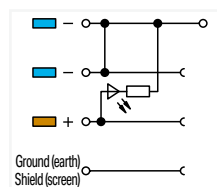
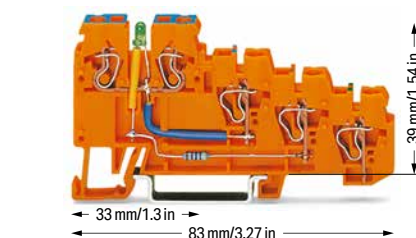
4-conductor sensor LED terminal block; for NPN (low-side) switching sensors; Yellow LED

gray	270-570/281-507	50
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4-conductor sensor supply terminal block; Internal bridge: 9 A

Color	Item No.	Pack. Unit
orange	270-574	10



4-conductor sensor LED supply terminal block; Green LED

Color	Item No.	Pack. Unit
orange	870-574/281-483	10

*12 AWG: THHN, THWN

- 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

- Internal bridge: 9 A

- Other voltages are available upon request.
LED power consumption: 4.8 mA

See application notes for:
Insulation stop, page 425
Marking, from page 684

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 870 Series

Appropriate marking systems:
Mini-WSB/Mini-WSB Inline/WMB/WMB Inline

End and intermediate plate; 1 mm thick; for quadruple-deck terminal blocks

orange	270-322	100 (25)
gray	270-320	100 (25)

Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

white	280-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

light gray	280-471	200 (25)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

dark gray	280-472	200 (25)
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Push-in type jumper bar; uninsulated; I_N 18 A
Jumpers can be shortened using an electronic side cutter.

9-way	270-409	200 (25)
17-way	270-417	200 (25)
80-way	270-480	100 (25)

Push-in type jumper bar; insulated; I_N 18 A; light gray

2-way	870-402	200 (25)
3-way	870-403	200 (25)
4-way	870-404	100 (25)
5-way	870-405	100 (25)
6-way	870-406	100 (25)
7-way	870-407	100 (25)
8-way	870-408	100 (25)
9-way	870-409	50 (25)

Mini-WSB marking card; white; 10 strips with 10 markers/card; 5 mm wide markers

plain	248-501	5
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WMB marking card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

plain	793-5501	5
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Operating tool with a partially insulated shaft; Type 2; (3.5 x 0.5) mm blade

	210-720	1
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3-Conductor Sensor Terminal Block and 3-Conductor Sensor LED Terminal Block

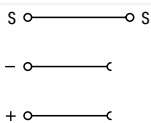
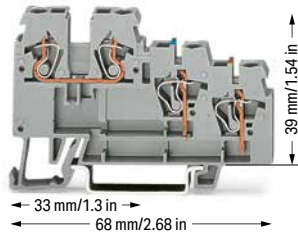
2.5 mm²; 270 Series

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
250 V / 4 kV / 3 ①	300 V, 20 A ②
I _N 18 A ②	300 V, 10 A ③

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch



3-conductor sensor terminal block

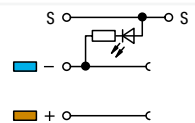
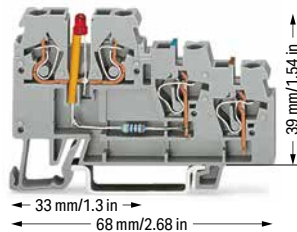
Color	Item No.	Pack. Unit
gray	270-560	50

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
24 VDC ③	

Terminal block width: 5 mm / 0.197 inch

6 ... 7 mm / 0.24 ... 0.28 inch



3-conductor sensor LED terminal block; for PNP (high-side) switching sensors; Red LED

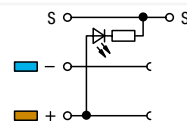
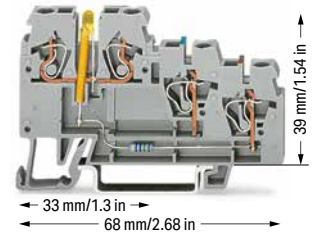
Color	Item No.	Pack. Unit
gray	270-560/281-434	50

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
24 VDC ③	

Terminal block width: 5 mm / 0.197 inch

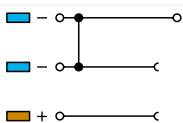
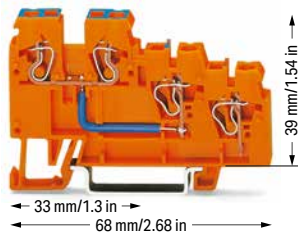
6 ... 7 mm / 0.24 ... 0.28 inch



3-conductor sensor LED terminal block; for NPN (low-side) switching sensors; Yellow LED

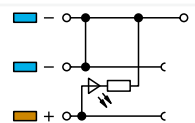
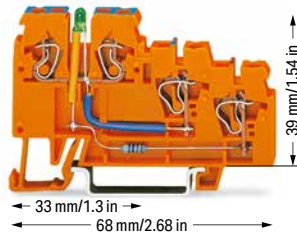
Color	Item No.	Pack. Unit
gray	270-560/281-507	50

8



3-conductor sensor supply terminal block; Internal bridge: 9 A

Color	Item No.	Pack. Unit
gray	270-564	10



3-conductor sensor LED supply terminal block; Green LED

Color	Item No.	Pack. Unit
gray	270-564/281-483	10

Pluggable tap-off modules (Item No. 870-425, 870-426, 870-427) can be used on the signal level.