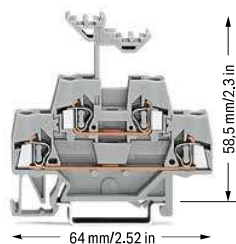


Double-Deck Terminal Block

2.5 mm²; 280 Series

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
500 V/6 kV/3 ①	300 V, 15 A ②
I _N 20 A	300 V, 20 A ②
Terminal block width: 5 mm / 0.197 inch	
8 ... 9 mm / 0.31 ... 0.35 inch	



Double-deck terminal block; through/through terminal block

Color	Item No.	Pack. Unit
gray	280-519	50
blue	280-529 ②	50

Other terminal blocks with the same profile:

Diode	280-940/281-410	Page 334
LED	280-943/281-434	Page 334

Accessories; item-specific

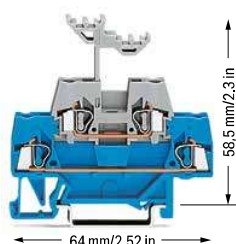
End and intermediate plate; 2.5 mm thick

orange	280-341	100 (25)
gray	280-340	100 (25)



Intermediate plate; 1.1 mm thick

orange	280-366	100 (25)
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Double-deck terminal block; through/through terminal block

Color	Item No.	Pack. Unit
blue/gray	280-523	50
gray/blue	280-533	50

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-341	100 (25)
gray	280-340	100 (25)



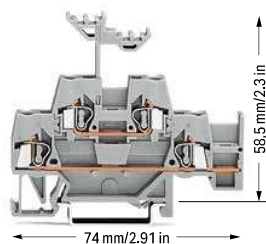
Intermediate plate; 1.1 mm thick

orange	280-366	100 (25)
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Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
500 V/6 kV/3 ①	300 V, 15 A ②
I _N 20 A	300 V, 20 A ②
Terminal block width: 5 mm / 0.197 inch	
8 ... 9 mm / 0.31 ... 0.35 inch	



Double-deck terminal block; through/through terminal block; with slot for adjacent jumper

Color	Item No.	Pack. Unit
gray	280-520	50
blue	280-530 ②	50

Accessories; item-specific

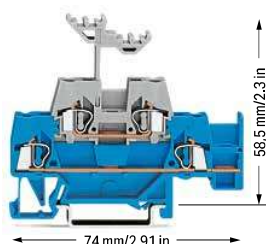
End and intermediate plate; 2.5 mm thick

orange	280-343	100 (25)
gray	280-342	100 (25)



Intermediate plate; 1.1 mm thick

orange	280-369	100 (25)
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Double-deck terminal block; through/through terminal block; with slot for adjacent jumper

Color	Item No.	Pack. Unit
blue/gray	280-524	50
gray/blue	280-534	50

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-343	100 (25)
gray	280-342	100 (25)



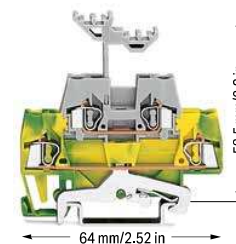
Intermediate plate; 1.1 mm thick

orange	280-369	100 (25)
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Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
500 V/6 kV/3 ①	300 V, 20 A ②
I _N 20 A	300 V, 20 A ②
Terminal block width: 5 mm / 0.197 inch	
8 ... 9 mm / 0.31 ... 0.35 inch	



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

Color	Item No.	Pack. Unit
green-yellow/gray	280-527	50
green-yellow/blue	280-537	50

Accessories; item-specific

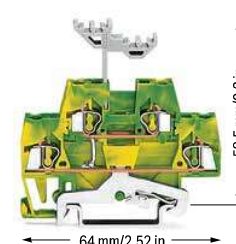
End and intermediate plate; 2.5 mm thick

orange	280-341	100 (25)
gray	280-340	100 (25)



Intermediate plate; 1.1 mm thick

orange	280-366	100 (25)
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Double-deck terminal block; 4-conductor ground terminal block; internally commoned

Color	Item No.	Pack. Unit
green-yellow	280-517	50

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-341	100 (25)
gray	280-340	100 (25)



Intermediate plate; 1.1 mm thick

orange	280-366	100 (25)
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5

Technical Data

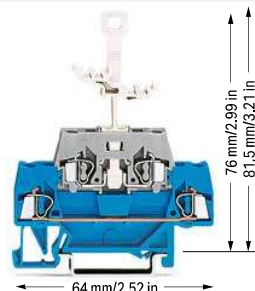
0.08 ... 2.5 mm² 28 ... 12 AWG*

400 V/6 kV/3 ① 300 V, 15 A ②

I_N 10 A 300 V, 20 A ③

Terminal block width: 5 mm / 0.197 inch

8 ... 9 mm / 0.31 ... 0.35 inch



Double-deck terminal block; through/disconnect terminal block

Color	Item No.	Pack, Unit
blue/gray	280-525	50
○ gray/gray	280-521	50

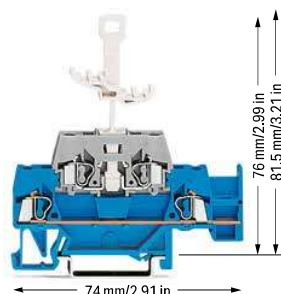
Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-341	100 (25)
gray	280-340	100 (25)

Intermediate plate; 1.1 mm thick

orange	280-366	100 (25)
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Double-deck terminal block; through/disconnect terminal block; with slot for adjacent jumper

Color	Item No.	Pack, Unit
blue/gray	280-526	50
○ gray/gray	280-522	50

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-343	100 (25)
gray	280-342	100 (25)

Intermediate plate; 1.1 mm thick

orange	280-369	100 (25)
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Technical Data

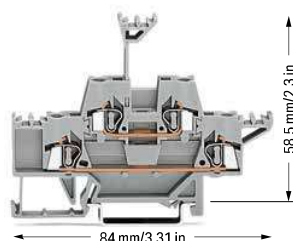
0.08 ... 2.5 mm² 28 ... 12 AWG*

500 V/6 kV/3 ① 300 V, 15 A ②

I_N 20 A 300 V, 20 A ③

Terminal block width: 5 mm / 0.197 inch

8 ... 9 mm / 0.31 ... 0.35 inch



Double-deck terminal block; through/through terminal block; with additional marking options on both terminal block sides

Color	Item No.	Pack, Unit
○ gray	280-513	50

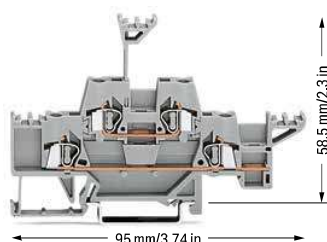
Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-341	100 (25)
gray	280-340	100 (25)

Intermediate plate; 1.1 mm thick

orange	280-366	100 (25)
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Double-deck terminal block; through/through terminal block; with additional marking options on both terminal block sides; with slot for adjacent jumper

Color	Item No.	Pack, Unit
○ gray	280-543	50

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-343	100 (25)
gray	280-342	100 (25)

Intermediate plate; 1.1 mm thick

orange	280-369	100 (25)
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*12 AWG: THHN, THWN

- ① 500 V / 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 14)

- ② Terminal blocks with a blue insulated housing are suitable for Ex i applications.

Please observe the application notes:
Insulation stop, page 346
Comb-style jumper bar, page 347
Marking, from page 588

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 280 Series

Appropriate marking systems:
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)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

dark gray	280-472	200 (25)
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Adjacent jumper; insulated; I_N = I_N terminal block

gray	280-402	200 (25)
yellow-green	280-422	200 (25)



Alternate jumper; insulated; I_N = I_N terminal block

gray	280-409	100 (25)
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Vertical jumper; insulated; I_N 24 A

gray	281-421	200 (25)
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Comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-482	200 (25)
3-way	280-483	200 (25)



Comb-style jumper bar; insulated; I_N = I_N of terminal block

10-way	280-490	50 (25)
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Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-492	200 (25)
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Operating tool; insulated

2-way	280-432	1
3-way	280-433	1



Operating tool; insulated

10-way	280-440	1
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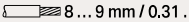
Screwless end stop; for DIN-35 rail; 6 mm wide

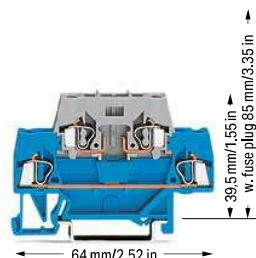
gray	249-116	100 (25)
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Double- and Triple-Deck Carrier Terminal Block for Fuse Plugs 2.5 mm²; 280 Series

Technical Data

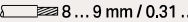
0.08 ... 2.5 mm ²	28 ... 12 AWG*
400 V/6 kV/3 1 2	300 V, 15 A 1 2
I _N 10 A (20 A)	300 V, 20 A 2
Terminal block width: 5 mm / 0.197 inch	
 8 ... 9 mm / 0.31 ... 0.35 inch	

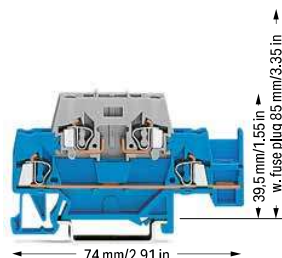


Double-deck terminal block; through/carrier terminal block for fuse plugs

Color	Item No.	Pack, Unit
blue/gray	280-531	50
gray/gray	280-514	50

Technical Data

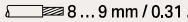
0.08 ... 2.5 mm ²	28 ... 12 AWG*
400 V/6 kV/3 1 2	300 V, 15 A 1 2
I _N 10 A (20 A)	300 V, 20 A 2
Terminal block width: 5 mm / 0.197 inch	
 8 ... 9 mm / 0.31 ... 0.35 inch	

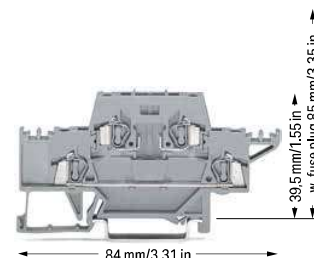


Double-deck terminal block; through/carrier terminal block for fuse plugs; with slot for adjacent jumper

Color	Item No.	Pack, Unit
blue/gray	280-532	50
gray/gray	280-891	50

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
400 V/6 kV/3 1 2	300 V, 15 A 1 2
I _N 10 A (10 A)	
Terminal block width: 5 mm / 0.197 inch	
 8 ... 9 mm / 0.31 ... 0.35 inch	



Double-deck terminal block; through/carrier terminal block for fuse plugs

Color	Item No.	Pack, Unit
gray/gray	280-528	50

5

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-341	100 (25)
gray	280-340	100 (25)



Intermediate plate; 1.1 mm thick

orange	280-366	100 (25)
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Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-343	100 (25)
gray	280-342	100 (25)



Intermediate plate; 1.1 mm thick

orange	280-369	100 (25)
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Adjacent jumper; insulated; I_N = I_N terminal block

gray	280-402	200 (25)
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Alternate jumper; insulated; I_N = I_N terminal block

gray	280-409	100 (25)
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Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-341	100 (25)
gray	280-340	100 (25)



Intermediate plate; 1.1 mm thick

orange	280-366	100 (25)
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Accessories

Appropriate marking system for fuse plugs:
WSB quick marking system

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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Fuse plug with pull-tab; 6 mm wide

281-511	50
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Fuse plug with pull-tab; 6 mm wide

281-512	50
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Fuse plug with pull-tab; 24 VAC/DC; with LED; 6 mm wide

281-512/281-501	50
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Comb-style jumper bar; insulated; I_N = I_N of terminal block

2-way	280-482	200 (25)
3-way	280-483	200 (25)



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

2-way	280-492	200 (25)
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Operating tool; insulated

2-way	280-432	1
3-way	280-433	1

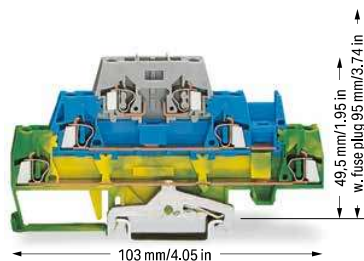


Technical Data

0.08 ... 2.5 mm² | 28 ... 12 AWG*400 V/6 kV/3 **10** | 300 V, 15 A **15**I_N 20 A (20 A) | 300 V, 20 A **20**

Terminal block width: 5 mm / 0.197 inch

8 ... 9 mm / 0.31 ... 0.35 inch

Triple-deck terminal block; ground conductor/through/
carrier terminal block for fuse plugs

Color	Item No.	Pack, Unit
green-yellow/blue/gray	280-510	50

Triple-deck terminal block; through/through/carrier
terminal block for fuse plugs

gray/gray/gray	280-889	50
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Accessories; item-specific

End and intermediate plate; 2.5 mm thick

orange	280-304	50 (25)
gray	280-303	50 (25)

Intermediate plate; 1.1 mm thick

orange	280-336	50 (25)
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Adjacent jumper; insulated; I_N = I_N terminal block

gray	280-402	200 (25)
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Alternate jumper; insulated; I_N = I_N terminal block

gray	280-409	100 (25)
------	---------	----------

Vertical jumper; insulated; I_N 24 A

gray	281-421	200 (25)
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WSB marking card; for fuse plugs (281-5.); white; 4 mm
wide WSB markers

F1, ..., F10 (10x)	209-787	5
F11, ..., F20 (10x)	209-700/209-124	5
F21, ..., F30 (10x)	209-700/209-125	5
F31, ..., F40 (10x)	209-700/209-126	5
F41, ..., F50 (10x)	209-700/209-127	5

*12 AWG: THHN, THWN

- 500 V / 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 14)

- Electrical ratings are given by the fuse or LED nominal voltage (see page 292).

Please observe the application notes:
Insulation stop, page 346
Comb-style jumper bar, page 347
Marking, from page 588

Approvals and corresponding ratings,
visit www.wago.com

Accessories

Appropriate marking system for fuse plugs:
WSB quick marking system

WSB marking card; white, 10 strips with 10 markers/card;
4 mm wide WSB markers

plain	209-701	5
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WSB marking card; plain; 10 strips with 10 markers/card;
4 mm wide WSB markers

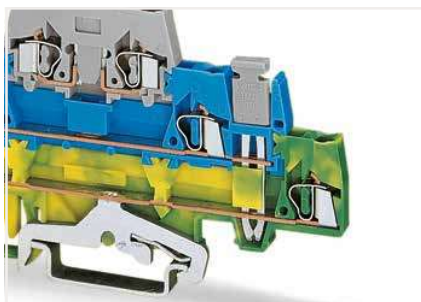
yellow	209-701/000-002	5
red	209-701/000-005	5
blue	209-701/000-006	5
gray	209-701/000-007	5
orange	209-701/000-012	5
light green	209-701/000-017	5
green	209-701/000-023	5
violet	209-701/000-024	5

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

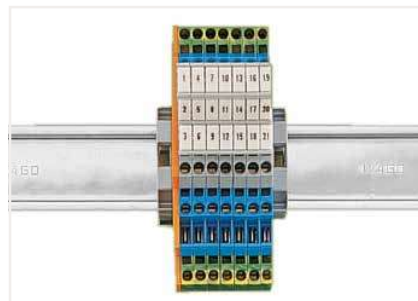
gray	249-116	100 (25)
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Screwless end stop; for DIN-35 rail; 10 mm wide

gray	249-117	50 (25)
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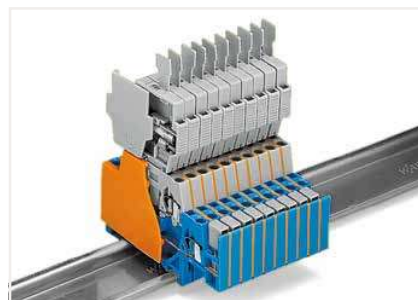


Grounding to DIN-rail:
Connecting N-level to ground level via vertical jumper.

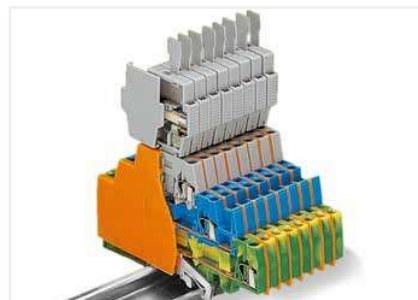


Double-deck (triple-deck) terminal blocks accommodate two (three) circuits of different potentials on two (three) decks; different circuits can be differentiated by color coding either deck (280 Series).

The lower deck is wider than the upper for ease of wiring.



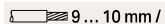
When double-deck terminal blocks are used with a fuse plug (6 mm wide) in the receptacle (top) level, the extra width can be compensated for the 280 Series (5 mm wide) via an intermediate plate (1.1 mm thick). If required, this special intermediate plate still allows commoning on the lower level via push-in adjacent jumpers (280-402).



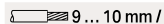
When triple-deck terminal blocks are used with a fuse plug (6 mm wide) in the receptacle (top) level, the extra width can be compensated for the 280 Series (5 mm wide) via an intermediate plate (1.1 mm thick).

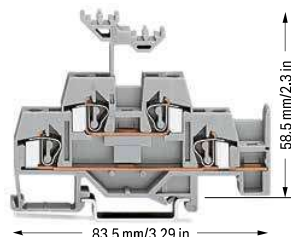
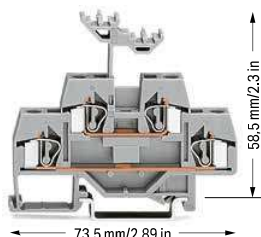
Double-Deck Terminal Block 4 mm²; 281 Series

Technical Data

0.08 ... 4 mm ²	28 ... 12 AWG
500 V/6 kV/3 ①	600 V, 20 A 
I _N 26 A	600 V, 25 A 
Terminal block width: 6 mm / 0.236 inch	
 9 ... 10 mm / 0.35 ... 0.39 inch	

Technical Data

0.08 ... 4 mm ²	28 ... 12 AWG
500 V/6 kV/3 ①	600 V, 20 A 
I _N 26 A	600 V, 25 A 
Terminal block width: 6 mm / 0.236 inch	
 9 ... 10 mm / 0.35 ... 0.39 inch	



Double-deck terminal block; through/through terminal block

Color	Item No.	Pack, Unit
gray	281-619	50
blue	281-629 ②	50

Other terminal blocks with the same profile:

Diode	281-633/281-410	Page 336
LED	281-634/281-434	Page 336

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

	orange	281-341	100 (25)
	gray	281-340	100 (25)

Double-deck terminal block; through/through terminal block; with slot for adjacent jumper

Color	Item No.	Pack, Unit
gray	281-620	50
blue	281-630 ②	50

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

	orange	281-343	100 (25)
	gray	281-342	100 (25)

Accessories; 281 Series

Appropriate marking systems: WMB/WMB Inline

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

	white	281-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

	light gray	281-471	200 (25)
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Insulation stop; 0.75 ... 1.5 mm²; 5 pcs/strip

	dark gray	281-472	200 (25)
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Adjacent jumper; insulated; I_N = I_N terminal block

	gray	281-402	200 (25)
	yellow-green	281-422	200 (25)

Alternate jumper; insulated; I_N = I_N terminal block

	gray	281-409	100 (25)
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Vertical jumper; insulated; I_N 24 A

	gray	281-421	200 (25)
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Comb-style jumper bar; insulated; I_N = I_N of terminal block

	2-way	281-482	100 (25)
	3-way	281-483	100 (25)
	5-way	281-485	100 (25)
	10-way	281-490	50 (25)

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

	2-way	281-492	100 (25)
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Operating tool; insulated

	2-way	280-432	1
	3-way	280-433	1
	5-way	281-440	1

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

	gray	249-116	100 (25)
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Screwless end stop; for DIN-35 rail; 10 mm wide

	gray	249-117	50 (25)
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- 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 14)

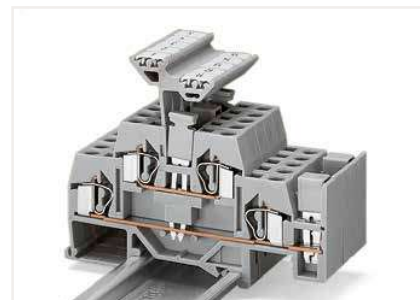
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.

Please observe the application notes:
Insulation stop, page 346
Comb-style jumper bar, page 347
Marking, from page 588

Approvals and corresponding ratings,
visit www.wago.com



The flexible marker carrier, which is placed above the wiring level, can be pushed aside during wiring or commoning. The carrier has two staggered levels for WMB markers that perfectly align with the terminal block decks.



A vertical jumper allows commoning of upper and lower level, giving a 4-conductor commoned through terminal block in one housing. Two adjacent terminals may be commoned together on the same level using a push-in adjacent jumper.

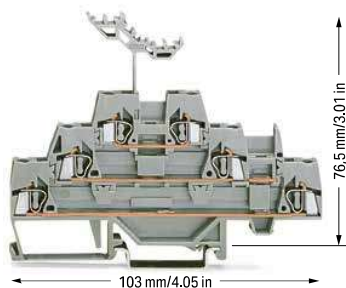
Triple-Deck Terminal Block

2.5 mm²; 280 Series

Technical Data

0.08 ... 2.5 mm² | 28 ... 12 AWG*500 V/6 kV/3 ① | 300 V, 15 A I_N 20 A | 300 V, 20 A 

Terminal block width: 5 mm / 0.197 inch

 8 ... 9 mm / 0.31 ... 0.35 inch

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

Color	Item No.	Pack, Unit
 gray	280-549	40
 blue	280-551	40

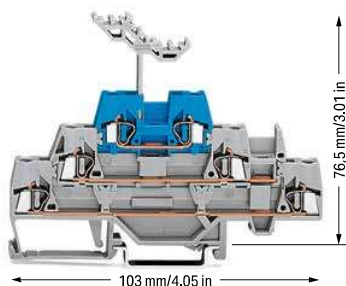
Accessories; item-specific

End and intermediate plate; 2.5 mm thick

 orange	280-304	50 (25)
 gray	280-303	50 (25)

Intermediate plate; 1.1 mm thick

 orange	280-336	50 (25)
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Triple-deck terminal block; through/through/through terminal block

Color	Item No.	Pack, Unit
gray/gray/blue	280-552	40

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

 orange	280-304	50 (25)
 gray	280-303	50 (25)

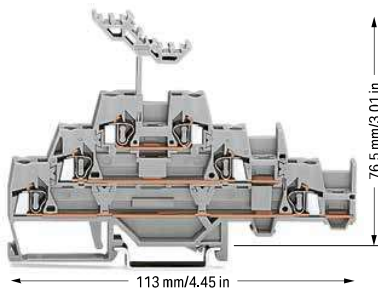
Intermediate plate; 1.1 mm thick

 orange	280-336	50 (25)
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Technical Data

0.08 ... 2.5 mm² | 28 ... 12 AWG*500 V/6 kV/3 ① | 300 V, 15 A I_N 20 A | 300 V, 20 A 

Terminal block width: 5 mm / 0.197 inch

 8 ... 9 mm / 0.31 ... 0.35 inch

Triple-deck terminal block; through/through/through terminal block; with slot for adjacent jumper on lower level

Color	Item No.	Pack, Unit
 gray	280-550	40

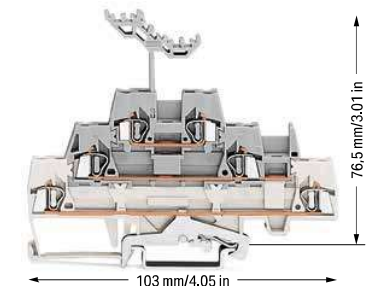
Accessories; item-specific

End and intermediate plate; 2.5 mm thick

 orange	280-306	50 (25)
 gray	280-305	50 (25)

Intermediate plate; 1.1 mm thick

 orange	280-339	50 (25)
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Triple-deck terminal block; shield conductor/through/through terminal block

Color	Item No.	Pack, Unit
white/gray/gray	280-548	40
white/blue/gray	280-558	40

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

 orange	280-304	50 (25)
 gray	280-303	50 (25)

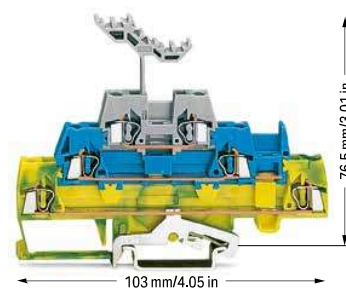
Intermediate plate; 1.1 mm thick

 orange	280-336	50 (25)
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Technical Data

0.08 ... 2.5 mm² | 28 ... 12 AWG*500 V/6 kV/3 ① | 300 V, 15 A I_N 20 A | 300 V, 20 A 

Terminal block width: 5 mm / 0.197 inch

 8 ... 9 mm / 0.31 ... 0.35 inch

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

Color	Item No.	Pack, Unit
green-yellow/blue/gray	280-547	40
green-yellow/gray/gray	280-557	40

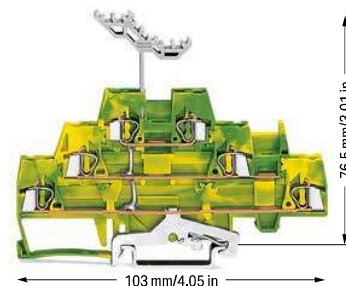
Accessories; item-specific

End and intermediate plate; 2.5 mm thick

 orange	280-304	50 (25)
 gray	280-303	50 (25)

Intermediate plate; 1.1 mm thick

 orange	280-336	50 (25)
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Triple-deck terminal block; 6-conductor ground terminal block; internally commoned

Color	Item No.	Pack, Unit
 green-yellow	280-597	40

Accessories; item-specific

End and intermediate plate; 2.5 mm thick

 orange	280-304	50 (25)
 gray	280-303	50 (25)

Intermediate plate; 1.1 mm thick

 orange	280-336	50 (25)
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5

*12 AWG: THHN, THWN

- ① 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 14)

Please observe the application notes:
Insulation stop, page 346
Comb-style jumper bar, page 347
Marking, from page 588

Approvals and corresponding ratings,
visit www.wago.com

Accessories; 280 Series

Appropriate marking systems:
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)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

dark gray	280-472	200 (25)
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Adjacent jumper; insulated; $I_N = I_N$ terminal block

gray	280-402	200 (25)
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yellow-green	280-422	200 (25)
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Alternate jumper; insulated; $I_N = I_N$ terminal block

gray	280-409	100 (25)
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Vertical jumper; insulated; I_N 24 A

gray	281-421	200 (25)
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Comb-style jumper bar; insulated; $I_N = I_N$ of terminal block

2-way	280-482	200 (25)
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3-way	280-483	200 (25)
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Comb-style jumper bar; insulated; $I_N = I_N$ of terminal block

10-way	280-490	50 (25)
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Alternate comb-style jumper bar; insulated; $I_N = I_N$ of terminal block

2-way	280-492	200 (25)
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Operating tool; insulated

2-way	280-432	1
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3-way	280-433	1
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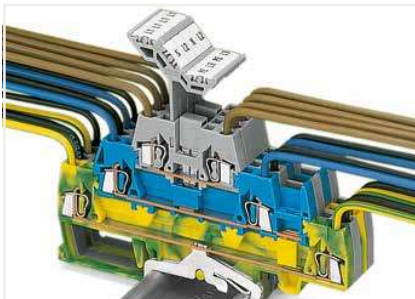
Operating tool; insulated

10-way	280-440	1
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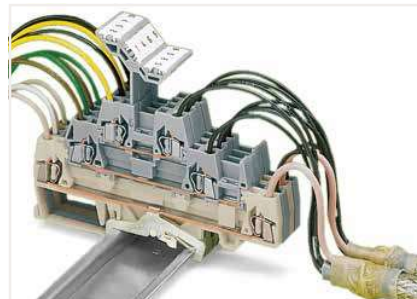


Screwless end stop; for DIN-35 rail; 6 mm wide

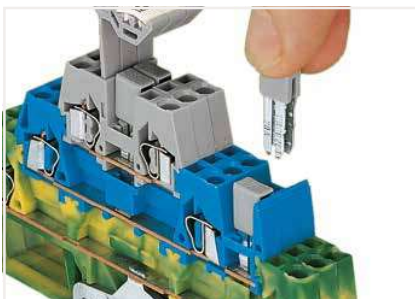
gray	249-116	100 (25)
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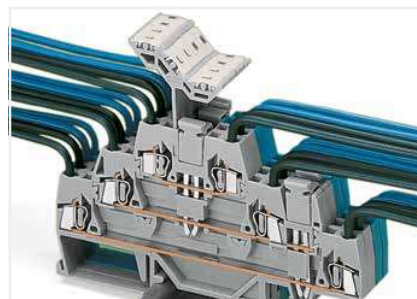
Three-conductor power circuit with additional branch circuit tapping



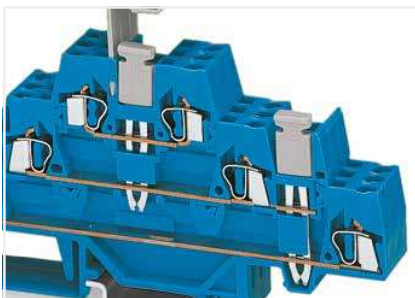
Shielded twisted pair cables



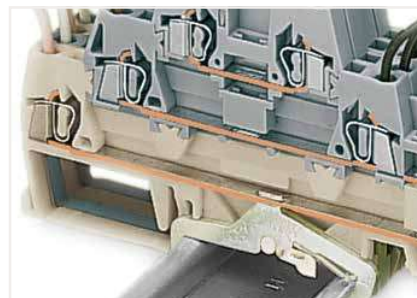
Triple-deck terminal blocks accommodate three circuits of different potentials on three decks; different circuits can be differentiated by color coding either deck (280 Series).



Commoning with vertical and adjacent jumpers.



A vertical jumper allows commoning of the upper and lower levels, providing a 6-conductor feedthrough terminal block in one housing. Two adjacent triple-deck terminal blocks may be commoned together on the same level using a push-in adjacent jumper.



Both ground and shield conductor terminal blocks have a contact foot in the bottom level, automatically establishing direct contact to the DIN-rail or busbar. The flexible marker carrier, which is placed above the wiring level, can be pushed aside during wiring. The carrier has two staggered levels for WMB markers that perfectly align with the terminal block decks. With a terminal block width of just 5 mm, an effective width of just 1.67 mm for terminal blocks of same or different potentials can be realized for conductors ranging 0.08 mm² ... 2.5 mm² (28 ... 14 AWG).