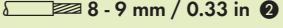
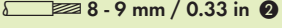
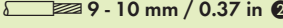
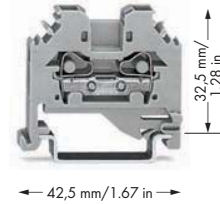
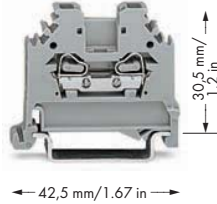
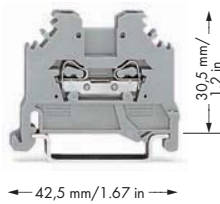


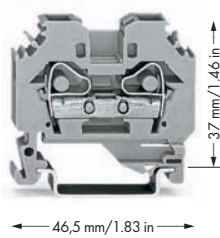
Through and Ground Conductor Terminal Blocks 1.5 mm² to 6 mm² 279 to 282 Series

0.08 - 1.5 mm² 800 V/8 kV/3 ① I_N 18 A Terminal block width 4 mm / 0.157 in  8 - 9 mm / 0.33 in ②	AWG 28 - 16 600 V, 10 A[⚡] 600 V, 15 A[Ⓞ]	0.08 - 2.5 mm² 800 V/8 kV/3 ① I_N 24 A Terminal block width 5 mm / 0.197 in  8 - 9 mm / 0.33 in ②	AWG 28 - 12 * 600 V, 20 A[⚡] 600 V, 20 A[Ⓞ]	0.08 - 4 mm² 800 V/8 kV/3 ① I_N 32 A Terminal block width 6 mm / 0.236 in  9 - 10 mm / 0.37 in ②	AWG 28 - 12 600 V, 20 A[⚡] 600 V, 25 A[Ⓞ]
--	--	--	--	---	--



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor through terminal block		2-conductor through terminal block		2-conductor through terminal block	
gray	279-101 100	gray	280-101 100	gray	281-101 100
blue	279-104 ③ 100	blue	280-104 ③ 100	blue	281-104 ③ 100
2-conductor ground terminal block		2-conductor ground terminal block		2-conductor ground terminal block	
		green-yellow	280-107 100	green-yellow	281-107 100
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
End and intermediate plate, 2.5 mm thick		End and intermediate plate, 2.5 mm thick		End and intermediate plate, 3 mm thick	
orange	280-302 100 (4x25)	orange	280-302 100 (4x25)	orange	281-302 100 (4x25)
gray	280-301 100 (4x25)	gray	280-301 100 (4x25)	gray	281-301 100 (4x25)
Separator, oversized, 2 mm thick		Separator, oversized, 2 mm thick		Separator, oversized, 2 mm thick	
orange	280-322 100 (4x25)	orange	280-322 100 (4x25)	orange	281-322 100 (4x25)
gray	280-332 100 (4x25)	gray	280-332 100 (4x25)	gray	281-332 100 (4x25)
Adjacent jumper, insulated, I_N 15 A		Adjacent jumper, insulated, I_N = I_N terminal block		Adjacent jumper, insulated, I_N = I_N terminal block	
gray	279-402 200 (8x25)	gray	280-402 200 (8x25)	gray	281-402 200 (8x25)
yellow-green	279-422 200 (8x25)	yellow-green	280-422 200 (8x25)	yellow-green	281-422 200 (8x25)
Alternate jumper, insulated, I_N 15 A		Alternate jumper, insulated, I_N = I_N terminal block		Alternate jumper, insulated, I_N = I_N terminal block	
gray	279-409 100 (4x25)	gray	280-409 100 (4x25)	gray	281-409 100 (4x25)
Step-down jumper, insulated, I_N 15 A		Step-down jumper, insulated, I_N 15 A		Step-down jumper, insulated, I_N 15 A	
gray	284-414 50 (2x25)	gray	284-414 50 (2x25)	gray	284-414 50 (2x25)
Intermediate plate, 1 mm thick		Intermediate plate, 1 mm thick		Intermediate plate, 1 mm thick	
gray	281-333 100 (4x25)	gray	281-333 100 (4x25)	gray	281-333 100 (4x25)
orange	281-336 100 (4x25)	orange	281-336 100 (4x25)	orange	281-336 100 (4x25)
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks		Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks		Step-down jumper, insulated, I_N 30 A	
yellow	279-405 100 (4x25)	yellow	280-405 100 (4x25)	gray	284-413 50 (2x25)
Test plug adapter, 8.3 mm wide, for terminal blocks 1.5 - 10 mm², for test plug 4 mm Ø		Test plug adapter, 8.3 mm wide, for terminal blocks 1.5 - 10 mm², for test plug 4 mm Ø		Step-down jumper, insulated, I_N 32 A	
gray	209-170 50 (2x25)	gray	209-170 50 (2x25)	gray	283-414 50 (2x25)
Test plug adapter, 5 mm wide, for terminal blocks 1.5 - 4 mm², for 210-137 test plug 2.3 mm Ø		Test plug adapter, 5 mm wide, for terminal blocks 1.5 - 4 mm², for 210-137 test plug 2.3 mm Ø		Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks	
gray	280-404 100 (4x25)	gray	280-404 100 (4x25)	yellow	281-405 100 (4x25)
				Test plug adapter, 8.3 mm wide, for terminal blocks 1.5 - 10 mm², for test plug 4 mm Ø	
				gray	209-170 50 (2x25)

0.2 - 6 mm²	AWG 24 - 10
800 V/8 kV/3 ①	600 V, 30 A ②
I_N 41 A	600 V, 10 A ③
Terminal block width 8 mm / 0.315 in	
12 - 13 mm / 0.49 in ④	



Carrier rail	Item No.	Curre [A]	Acc. to mm ² /AWG Cu
DIN 35 x 7.5 (steel)			
slotted	210-112	76	16/6
unslotted	210-113	76	16/6
DIN 35 x 15 (steel)			
1.5 mm thick	210-114	125	35/2
2.3 mm thick	210-118	125	35/2
DIN 35 x 7.5 (Al)			
unslotted	210-196	76	16/6
DIN 35 x 15 (Cu)			
2.3 mm thick	210-198	309	150/6/0

Current applies to rails of 1 m/3'3" length

If required to use standard carrier rails as ground conductor busbars, please refer to insert space between the **maximum current capacities** listed above. According to EN 60947-2 (VDE 0611, part 3), steel carrier rails shall not be used for PEN applications.

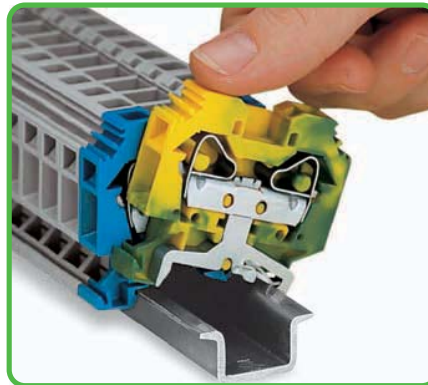
* AWG 12: THHN, THWN

- ① 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree

(also see Section 1.4)

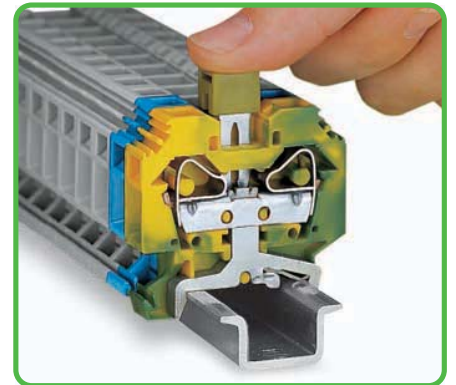
- ② Strip length, see packaging or instructions.
- ③ Suitable for Ex i applications
- ④ See application notes for:
Step-down jumper, page 309
Test plug module, page 197

	Item No.	Pack. Unit
2-conductor through terminal block		
gray	282-101	50
blue	282-104 ③	50
2-conductor ground terminal block		
green-yellow	282-107	50
Item-Specific Accessories		
End and intermediate plate, 4 mm thick		
orange	282-302	100 (4x25)
gray	282-301	100 (4x25)
Separator, oversized, 2 mm thick		
orange	282-322	100 (4x25)
gray	282-332	100 (4x25)
Adjacent jumper, insulated,		
I _N 41 A		
gray	282-402	100 (4x25)
yellow-green	282-422	100 (4x25)
Alternate jumper, insulated,		
I _N 41 A		
gray	282-409	100 (4x25)
Step-down jumper, insulated,		
④ I _N 30 A		
gray	284-413	50 (2x25)
Cover plate,		
1 mm thick		
gray	284-333	100 (4x25)
orange	284-343	100 (4x25)
Protective warning marker,		
with high-voltage symbol, black, for 5 terminal blocks		
yellow	282-405	100 (4x25)
Test plug adapter, 8.3 mm wide,		
for terminal blocks 1.5 - 10 mm ² , for test plug 4 mm Ø		
gray	209-170	50 (2x25)
B-type test plug module,		
④ can be snapped together, 8 mm wide		
gray	709-310	100 (4x25)
B-type spacer module,		
can be snapped together, 8 mm wide		
gray	709-311	100 (4x25)



Snapping a terminal block onto the carrier rail.

Ground conductor terminal blocks snap onto the rail in the same way as through terminal blocks, but automatically make a direct electrical connection to the rail. Sliding on the rail is not then possible.



Push jumper down firmly until fully inserted.

Commoning ground conductor terminal blocks with through terminal blocks is possible in one direction only (via rear side of terminal block) using adjacent jumpers. In addition to the required marking of these blocks, use yellow-green adjacent jumpers.



Removal from the carrier rail.

When mounting on the rail, ensure that open sides of terminal blocks face in the same direction. Both mounting feet and removal slots are on the same side for all terminal blocks, making it possible to visually ensure blocks are facing in same direction.

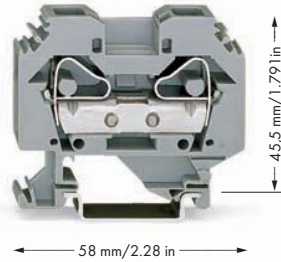
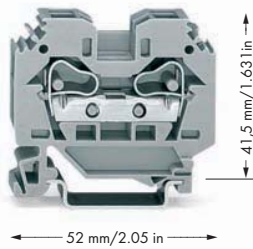
Through and Ground Conductor Terminal Blocks

10 mm² and 16 mm²

284 and 283 Series

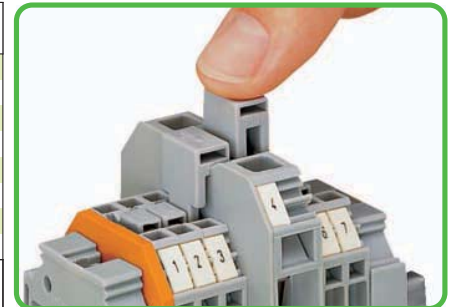
CAGE CLAMP®

0.2 - 10 mm ² 800 V/8 kV/3 ① I _N 57 A	AWG 24 - 8 600 V, 50 A ② 600 V, 65 A ③	0.2 - 16 mm ² 800 V/8 kV/3 ① I _N 76 A	AWG 24 - 6 600 V, 65 A ② 600 V, 90 A ③
Terminal block width 10 mm / 0.394 in 12 - 13 mm / 0.49 in ②		Terminal block width 12 mm / 0.472 in 16 - 17 mm / 0.65 in ②	



- ① 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ See application notes for:
Step-down jumper, page 309
Test plug module, page 197

Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor through terminal block		2-conductor through terminal block	
gray	284-101 50	gray	283-101 50
blue	284-104 50	blue	283-104 50
2-conductor ground terminal block		2-conductor ground terminal block	
green-yellow	284-107 50	green-yellow	283-107 50
Item-Specific Accessories		Item-Specific Accessories	
End and intermediate plate, 2.5 mm thick		End and intermediate plate, 4 mm thick	
orange	284-302 100 (4x25)	orange	283-302 50 (2x25)
gray	284-301 100 (4x25)	gray	283-301 50 (2x25)
Separator, oversized, 2 mm thick		Separator, oversized, 2 mm thick	
orange	284-322 100 (4x25)	orange	283-322 50 (2x25)
gray	284-332 100 (4x25)	gray	283-332 50 (2x25)
Adjacent jumper, insulated, I_N 57 A		Adjacent jumper, insulated, I_N 70 A	
gray	284-402 100 (4x25)	gray	283-402 50 (2x25)
yellow-green	284-422 100 (4x25)	yellow-green	283-422 50 (2x25)
Alternate jumper, insulated, I_N 57 A		Alternate jumper, insulated, I_N 76 A	
gray	284-409 50 (2x25)	gray	283-409 50 (2x25)
Step-down jumper, insulated, I_N 30 A		Step-down jumper, insulated, I_N 32 A	
gray	284-413 50 (2x25)	gray	283-414 50 (2x25)
Cover plate, 1 mm thick		Cover plate, 1 mm thick	
gray	284-333 100 (4x25)	gray	283-333 100 (4x25)
orange	284-343 100 (4x25)	orange	283-335 100 (4x25)
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks		Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks	
yellow	284-405 50 (2x25)	yellow	283-405 50 (2x25)
Test plug adapter, 8.3 mm wide, for terminal blocks 1.5 - 10 mm², for test plug 4 mm Ø		Test plug adapter, 11.6 mm wide, for 1.5 - 16 mm² terminal blocks, for test plug 4 mm Ø	
gray	209-170 50 (2x25)	gray	283-404 25
B-type test plug module, can be snapped together, 8 mm wide			
gray	709-310 100 (4x25)		
B-type spacer plate, can be snapped together, 2 mm wide			
gray	709-312 100 (4x25)		



Step-down jumpers may common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point. Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers. Commoning may be made in either direction using the special thin end plate to cover the open side. Further terminal blocks of the smaller cross section may be commoned using standard adjacent jumpers. In this case, pay attention that:

1. The total current flowing does not exceed the rating of the step-down jumper.
2. The standard or special thin cover plate is installed on the open side of the larger block.

Step-Down Jumpers for Side-Entry Through Terminal Blocks *

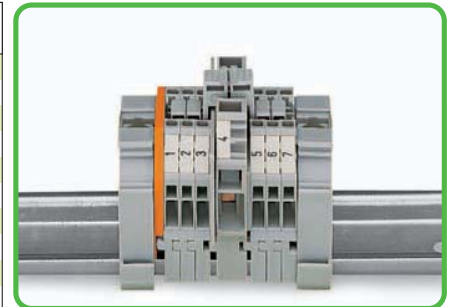
Step-down jumper	Step-down jumper
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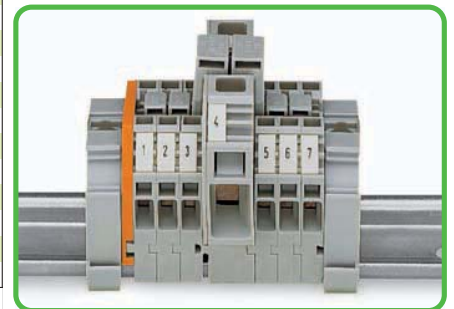
* Terminal blocks for side-entry cannot be commoned with terminal blocks for front-entry. For commoning terminal blocks, front-entry via step-down jumpers, see pages 178 and 179

① Commoning from 10 mm² (284-101) to 2.5 mm² (280-101) or 1.5 mm² (279-101) terminal blocks via terminal block rear side is not possible (see example: terminal block A to 11).

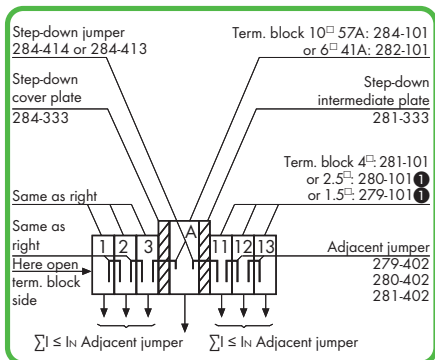
Item No.	Pack. Unit	Item No.	Pack. Unit
Step-down jumper, insulated, from 10/6 mm ² to 4/2.5/1.5 mm ² , I _N 15 A		Step-down jumper, insulated, from 16 mm ² to 4 mm ² , I _N 32 A	
gray	284-414 50 (2x25)	gray	283-414 50 (2x25)
Step-down jumper, insulated, from 10/6 mm ² to 6/4 mm ² , I _N 30 A			
gray	284-413 50 (2x25)		
Item-Specific Accessories		Item-Specific Accessories	
Cover plate, 1 mm thick		Cover plate, 1 mm thick	
gray	284-333 100 (4x25)	gray	283-333 100 (4x25)
orange	284-343 100 (4x25)	orange	283-335 100 (4x25)
Intermediate plate, 1 mm thick			
gray	281-333 100 (4x25)		
orange	281-336 100 (4x25)		



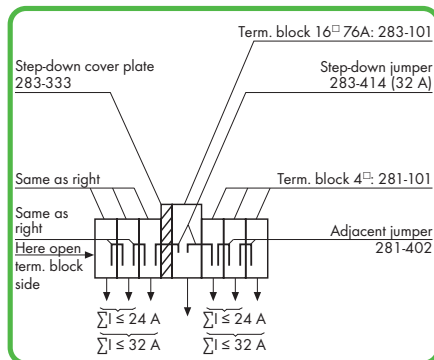
Commoning from 6 mm²/AWG 10 (282 Series) to 1.5 mm²/AWG 16 (279 Series) rail-mount terminal blocks.



Commoning from 16 mm²/AWG 6 (283 Series) to 4 mm²/AWG 12 (281 Series) rail-mount terminal blocks.



Example of assembly: "Commoning from 10/6 mm² (AWG 8/10) to 4/2.5/1.5 mm² (AWG 12/14/16) rail-mount terminal blocks with 284-414 step-down jumper."

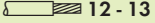
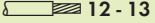



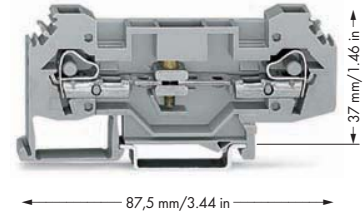
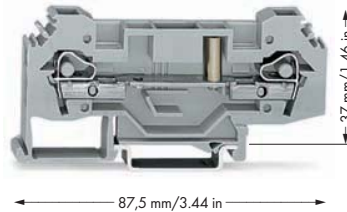
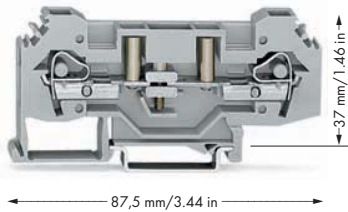
Example of assembly: "Commoning from 16 mm² (AWG 6) to 4 mm² (AWG 12) rail-mount terminal blocks with 283-414 step-down jumper."

Disconnect Terminal Blocks for Test and Measurement, Ground Conductor

Disconnect Terminal Blocks 6 mm²

282 Series

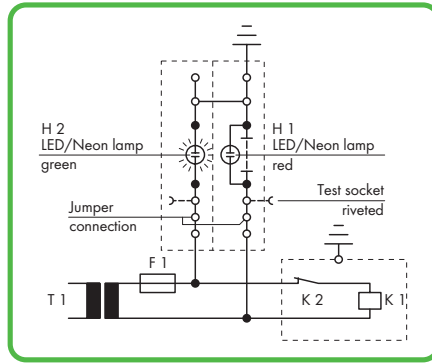
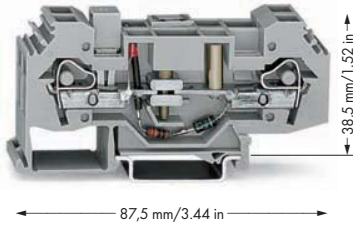
0.2 - 6 mm ² 400 V/6 kV/3 ① I _N 41 A	AWG 24 - 10 300 V, 30 A ② 300 V, 40 A ③	0.2 - 6 mm ² 400 V/6 kV/3 ① I _N 41 A	AWG 24 - 10 300 V, 30 A ② 300 V, 40 A ③	0.2 - 6 mm ² 400 V/6 kV/3 ① I _N 41 A	AWG 24 - 10 300 V, 30 A ② 300 V, 40 A ③
Terminal block width 8 mm / 0.315 in  12 - 13 mm / 0.49 in ②		Terminal block width 8 mm / 0.315 in  12 - 13 mm / 0.49 in ②		Terminal block width 8 mm / 0.315 in  12 - 13 mm / 0.49 in ②	



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Disconnect terminal block for test and measurement, with test sockets 4 mm Ø		Through terminal block		Disconnect terminal block for test and measurement, without test sockets	
gray 282-131	25	gray 282-133	25	gray 282-135	25
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
Alternate jumper, insulated, I_N 41 A		Alternate jumper, insulated, I_N 41 A		Alternate jumper, insulated, I_N 41 A	
gray 282-409	100 (4x25)	gray 282-409	100 (4x25)	gray 282-409	100 (4x25)
Lock-out, snap-in type, prevents reclosing of slide link		Lock-out, snap-in type, prevents reclosing of slide link		Lock-out, snap-in type, prevents reclosing of slide link	
orange 282-137	100 (4x25)	orange 282-137	100 (4x25)	orange 282-137	100 (4x25)
282 Series Accessories					
Appropriate marking system: WMB (see Section 13)					
End and intermediate plate, 4 mm thick		B-type test plug module, ②			
orange 282-315	50 (2x25)	gray 709-310	100 (4x25)		
gray 282-314	50 (2x25)				
Adjacent jumper, insulated, I_N 41 A		B-type spacer module,			
gray 282-402	100 (4x25)	gray 709-311	100 (4x25)		
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks					
yellow 282-405	100 (4x25)				
Test plug adapter, 8.3 mm wide, for terminal blocks 1.5 - 10 mm², for test plug 4 mm Ø					
gray 209-170	50 (2x25)				
Screwless end stop, for DIN 35 rail, 6 mm wide					
gray 249-116	100 (4x25)				
Screwless end stop, for DIN 35 rail, 10 mm wide					
gray 249-117	50 (2x25)				

0.2 - 6 mm² | AWG 24 - 10

Terminal block width 16 mm / 0.63 in
 12 - 13 mm / 0.49 in ②



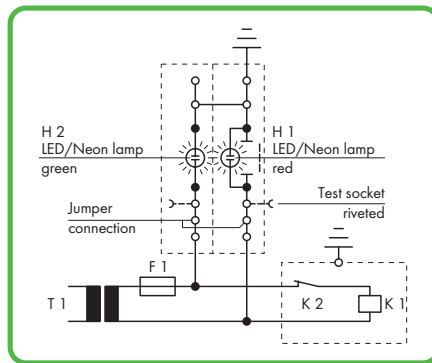
Operating condition
 Slide link closed, auxiliary circuit grounded,
 green lamp illuminates.

- ① 400 V = rated voltage
 6 kV = rated surge voltage
 3 = pollution degree
 (also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ See application notes for:
 Test plug module, page 197

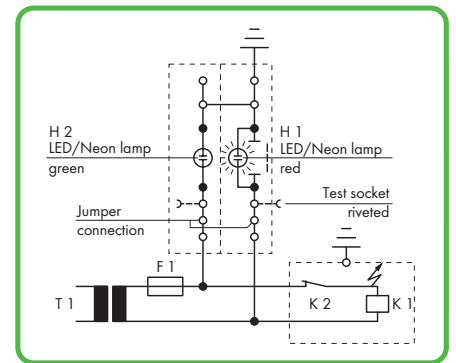
Item No.	Pack. Unit
Ground conductor disconnect terminal block, gray	
24 V	282-140 12
48 V	282-141 12
120 V	282-138 12
230 V	282-139 12

Item-Specific Accessories

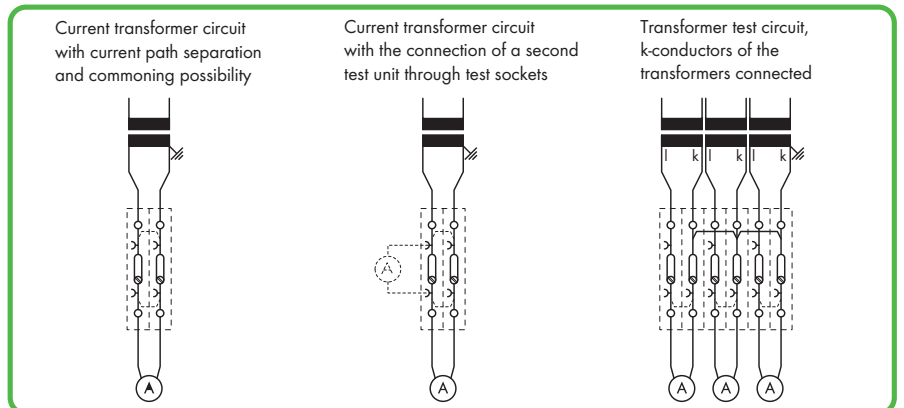
Lock-out, snap-in type,
 prevents reclosing of slide link
 orange 282-137 100 (4x25)



Test condition - no grounding
 Slide link open, auxiliary circuit not grounded.



Test condition - grounding
 Slide link open, auxiliary circuit not grounded,
 red lamp illuminates.



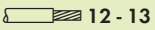
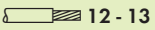
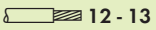
IEC 60204/DIN VDE 0113 "Electrical equipment of industrial machines, part 1: General requirements" 9.4.3.1: Ground faults on control circuits shall not cause unintentional starting, hazardous movements, or prevent stopping of the machine.

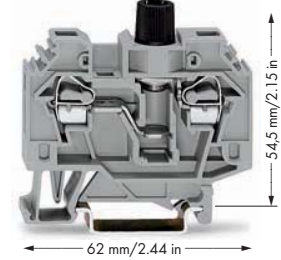
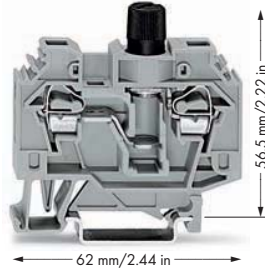
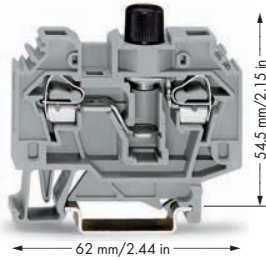
In order to fulfill this requirement, bonding to the protective bonding circuit shall be provided in accordance with 8.2 and the devices shall be connected as described in 9.1.4. Control circuits fed from a transformer and not connected to the protective bonding circuit shall be provided with an insulation monitoring device (e.g., residual current device) which either indicates a ground fault or interrupts the circuit automatically after a ground fault.













In the case of electronic circuits, the connection of one side of the control circuit to the protective bonding circuit in accordance with 9.1.4 can prevent unintentional operation. When this does not help, or if due to other reasons electronic circuits cannot be connected to the protective bonding circuit, other measures shall be taken to achieve the same level of safety.



Where the control circuit is directly connected between the phase conductors of the supply or between a phase conductor and a neutral conductor, which is either not grounded or grounded through a high impedance, multipole control switches which interrupt all live conductors shall be used for start or stop of those machine functions, which can cause a hazardous condition or damage to the machine or to the work in progress, in the event of unintentional starting or failure to stop.

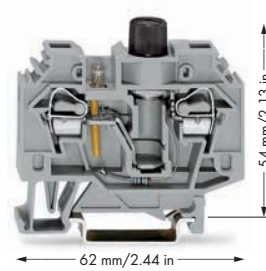
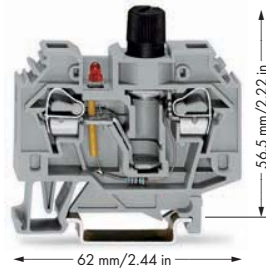
Fuse Terminal Blocks 6 mm² 282 Series

0.2 - 6 mm ² 500 V/6 kV/3 ① I _N 10 A	AWG 24 - 10 600 V, 10 A ② 250 V, 10 A ③	0.2 - 6 mm ² 500 V/6 kV/3 ① I _N 10 A	AWG 24 - 10 250 V, 10 A ③	0.2 - 6 mm ² 500 V/6 kV/3 ① I _N 10 A	AWG 24 - 10 600 V, 10 A ② 250 V, 10 A ③
Terminal block width 13 mm / 0.512 in  12 - 13 mm / 0.49 in ②		Terminal block width 13 mm / 0.512 in  12 - 13 mm / 0.49 in ②		Terminal block width 13 mm / 0.512 in  12 - 13 mm / 0.49 in ②	








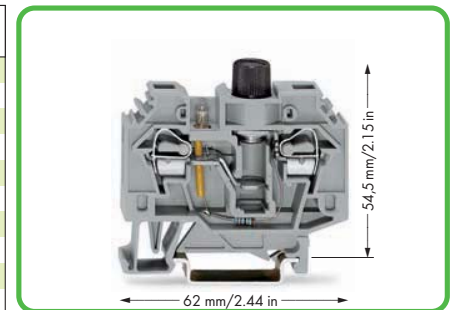
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fuse terminal block , without indicator, for miniature metric fuses 5 x 20 mm		2-conductor fuse terminal block , without indicator, for miniature metric fuses ¼" x 1"		2-conductor fuse terminal block , with indicator, for miniature metric fuses	
● gray	282-122 40	● gray	282-120 40	● gray	282-126 40
2-conductor fuse terminal block , without indicator, for miniature metric fuses ¼" x 1¼"					
	● gray	282-128 40			
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
Miniature metric fuse , 5 x 20 mm, without indicator, 6.3 A/250 V, medium/slow 	282-451 200 (20x10)	Miniature metric fuse , ¼" x 1", without indicator, 10 A/240 V, to BS 1362 	282-458 200 (20x10)	Miniature metric fuse , 5 x 25 mm/0.197 x 0.975 in, with indicator, 6.3 A, medium/slow 	282-452 200 (20x10)
		Miniature metric fuse , ¼" x 1¼", without indicator, 10 A/250 V, medium/slow 	282-457 200 (2x100)	Miniature metric fuse , 5 x 25 mm/0.197 x 0.975 in, with indicator, 10 A, fast acting 	282-453 200 (20x10)
		Miniature metric fuse , ¼" x 1¼", without indicator, 10 A/500 V, very fast acting 	282-454 200 (20x10)		
Accessories for Fuse Terminal Blocks					
Appropriate marking system: WMB (see Section 13)					
End and intermediate plate , 4 mm thick  orange 282-312 50 (2x25) gray 282-311 50 (2x25)	Test plug adapter , 8.3 mm wide, for terminal blocks 1.5 - 10 mm ² , for test plug 4 mm Ø  gray 209-170 50 (2x25)				
Adjacent jumper , insulated, I _N 41 A  gray 282-402 100 (4x25)	Test plug adapter , 6 mm wide, with CAGE CLAMP®, for 0.08 - 2.5 mm ² , I _N 24 A  281-407 100 (4x25)				
Protective warning marker , with high-voltage symbol, black, for 5 terminal blocks  yellow 282-405 100 (4x25)	Plunger , for 281, 282, 283 and 284 Series rail-mounted terminal blocks for side-entry  210-141 1				

0.2 - 6 mm ² AWG 24 - 10	0.2 - 6 mm ² AWG 24 - 10
Terminal block width 13 mm / 0.512 in  12 - 13 mm / 0.49 in ②	Terminal block width 13 mm / 0.512 in  12 - 13 mm / 0.49 in ②

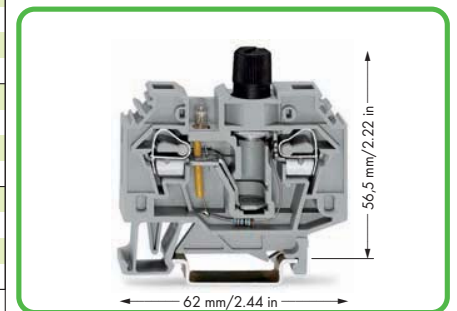


- ① 500 V = rated voltage
 6 kV = rated surge voltage
 3 = pollution degree
 (also see Section 14)
 Electrical ratings are given by the fuse.
 For technical information, see pages 234 - 235
- ② Strip length, see packaging or instructions.

Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fuse terminal block, with red LED, 24 VDC, for miniature metric fuses ¼" x 1 ¼"		2-conductor fuse terminal block, with neon lamp 250 VAC/220 VDC, for miniature metric fuses ¼" x 1 ¼"	
○ gray	282-128/281-413 40	○ gray	282-128/281-417 40
2-conductor fuse terminal block, with neon lamp 250 VAC/220 VDC, for miniature metric fuses 5 x 20 mm		2-conductor fuse terminal block, with neon lamp 120 V AC/DC, for miniature metric fuses ¼" x 1 ¼"	
○ gray	282-124 40	○ gray	282-128/281-418 40
Item-Specific Accessories		Item-Specific Accessories	
 Miniature metric fuse, ¼" x 1 ¼", without indicator, 10 A/250 V, medium/slow	282-457 200 (2x100)	 Miniature metric fuse, 5 x 20 mm, without indicator, 6.3 A/250 V, medium/slow	282-451 200 (20x10)
 Miniature metric fuse, ¼" x 1 ¼", without indicator, 10 A/500 V, very fast acting	282-454 200 (20x10)	 Miniature metric fuse, ¼" x 1 ¼", without indicator, 10 A/250 V, medium/slow	282-457 200 (2x100)
		 Miniature metric fuse, ¼" x 1 ¼", without indicator, 10 A/500 V, very fast acting	282-454 200 (20x10)



Dimensions
Item No. 282-124



Dimensions
Item No. 282-128/281-418