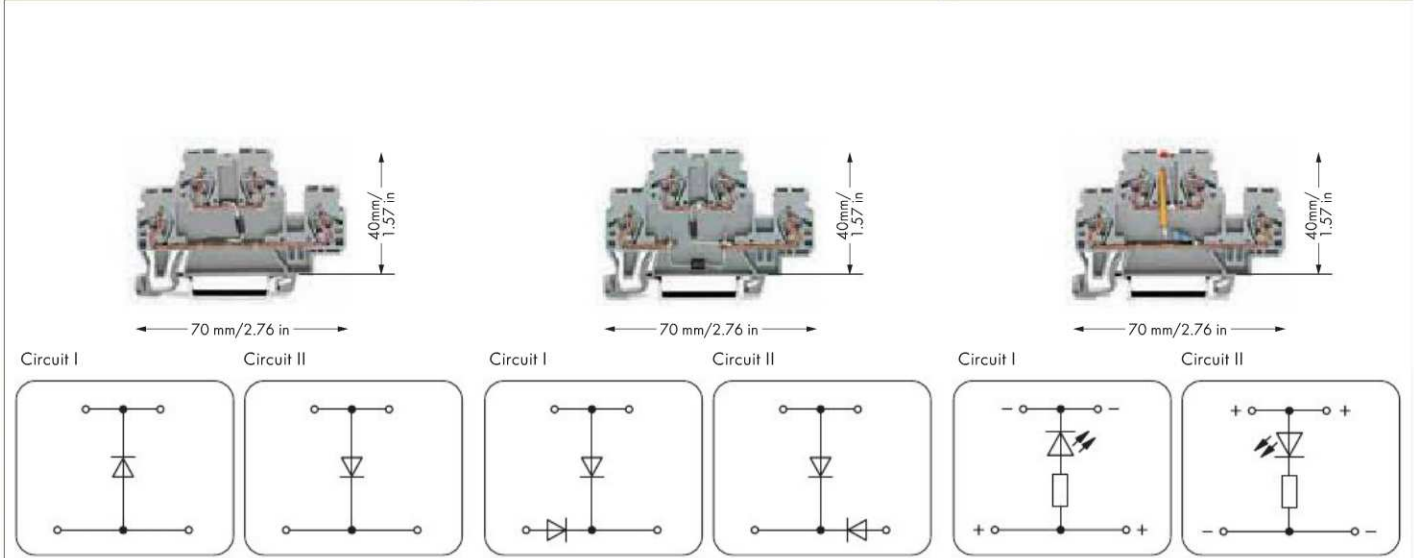
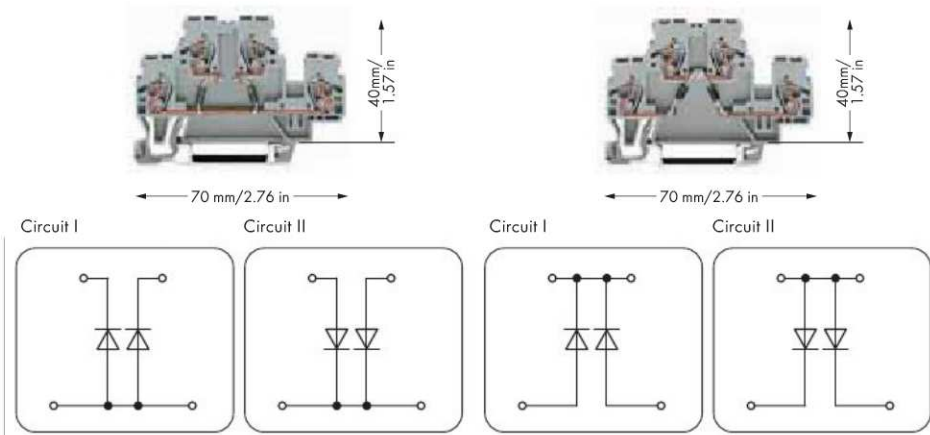


Double-Deck Diode Terminal Blocks and LED Terminal Blocks 2.5 mm² (4 mm² "f-st") 870 Series

<p>0.08 - 2.5 (4 "f-st") mm² ① AWG 28 - 12 U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5 mm / 0.197 in ② 6 - 7 mm / 0.26 in</p>	<p>0.08 - 2.5 (4 "f-st") mm² ① AWG 28 - 12 U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5 mm / 0.197 in ② 6 - 7 mm / 0.26 in</p>	<p>0.08 - 2.5 (4 "f-st") mm² ① AWG 28 - 12 DC 24 V I_f 0.025 A max. Terminal block width 5 mm / 0.197 in ② 6 - 7 mm / 0.26 in</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck diode terminal block with 1N4007 diode,		Double-deck diode terminal block with 2 diodes 1N4007,		Double-deck LED terminal block with red LED, DC 24 V, gray	
gray		gray		gray	
Circuit I	870-540/281-410 50	Circuit I	870-541/281-492 50	Circuit I	870-543/281-434 50
Circuit II	870-540/281-411 50	Circuit II	870-541/281-491 50	Circuit II	870-543/281-413 50

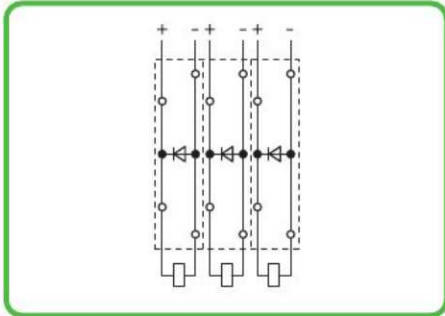


Item No.	Pack. Unit	Item No.	Pack. Unit	
Double-deck diode terminal block with 2 diodes 1N4007,		Double-deck diode terminal block with 2 diodes 1N4007,		Through terminal blocks with same profile, see page 236
gray		gray		
Circuit I	870-542/281-487 50	Circuit I	870-541/281-489 50	
Circuit II	870-542/281-488 50	Circuit II	870-541/281-490 50	

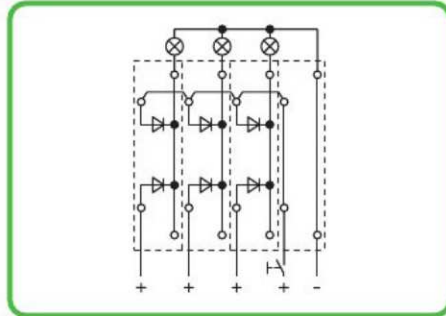
For list of approvals and user guide, see pages 540 and 542.

Circuit Configuration Examples

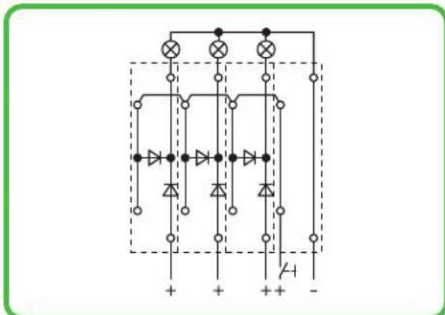
Double-Deck Diode and LED Terminal Blocks



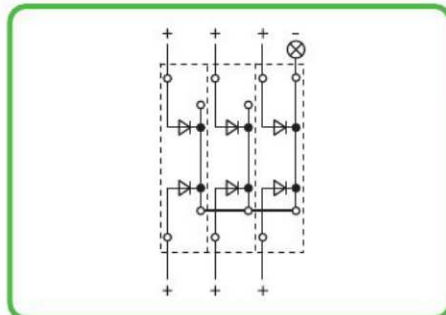
Recovery diodes can be created using the following terminal blocks:
870-540/281-410 or
870-540/281-411



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



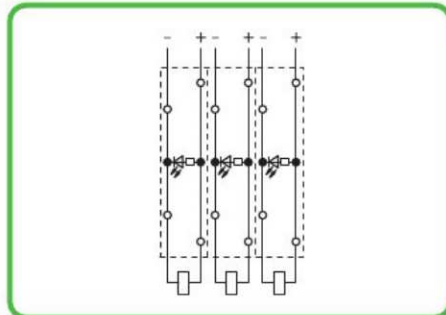
Lamp test circuits can be created using the following terminal blocks:
870-541/281-410 or
870-541/281-411



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

have been specially 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. The terminal blocks provide high-density wiring, while maintaining a width of only 5 mm/0.197 in. 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

- 1 Max. insulation diameter: 4.4 mm
- 2 Strip length, see packaging or instructions.
- 3 See application notes for: Insulation stop, page 159

870 Series Accessories

WMB/Miniature WSB


End and intermediate plate, 2 mm thick			
	orange	870-519	100 (4x25)
	gray	870-518	100 (4x25)


Insulation stop,			
	5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st")	white	280-470 200 (8x25)

Insulation stop,			
	5 pcs/strip, 0.25 - 0.5 mm ²	light gray	280-471 200 (8x25)




Insulation stop,			
	5 pcs/strip, 0.75 - 1 mm ²	dark gray	280-472 200 (8x25)

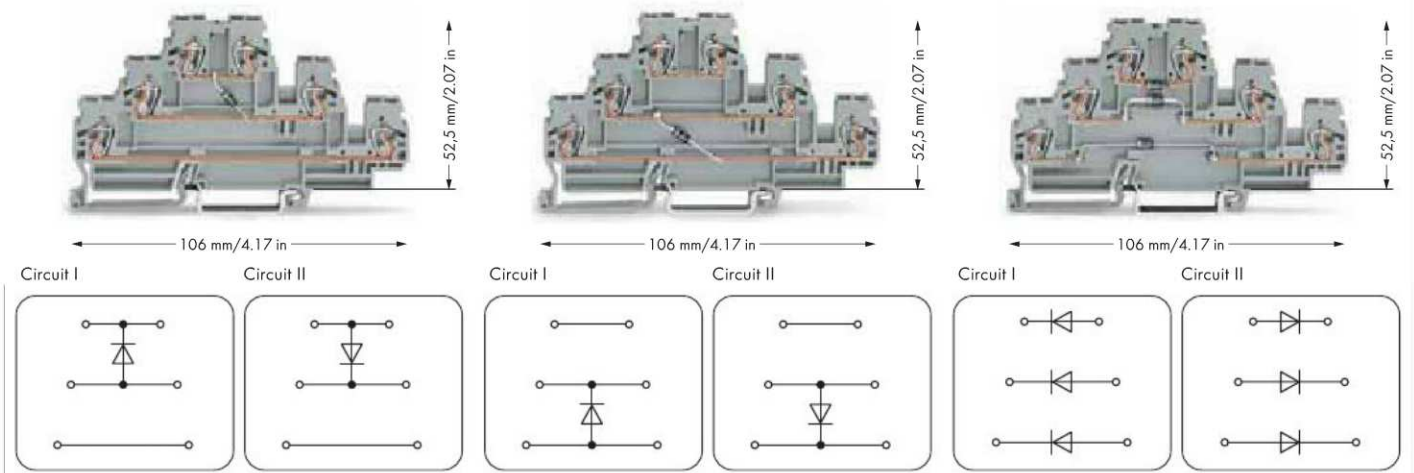
Push-in type jumper bar, insulated,			
	I _N 18 A, light gray		
	2-way	870-402	200 (8x25)
	3-way	870-403	200 (8x25)
	4-way	870-404	200 (8x25)
	5-way	870-405	100 (4x25)
	6-way	870-406	100 (4x25)
	7-way	870-407	100 (4x25)
	8-way	870-408	100 (4x25)
	9-way	870-409	100 (4x25)
	10-way	870-410	100 (4x25)

Push-in type jumper bar, insulated,			
	I _N 18 A, light gray		
	1 - 3	870-433	200 (8x25)
	1 - 4	870-434	200 (8x25)
	1 - 5	870-435	100 (4x25)
	1 - 6	870-436	100 (4x25)
	1 - 7	870-437	100 (4x25)
	1 - 8	870-438	100 (4x25)
	1 - 9	870-439	100 (4x25)
	1 - 10	870-440	100 (4x25)

Protective warning marker,			
	with high-voltage symbol, black, for 5 terminal blocks	yellow	280-405 100 (4x25)






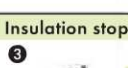




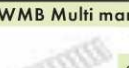
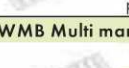
Triple-Deck Diode Terminal Blocks and LED Terminal Blocks 2.5 mm² (4 mm² "f-st") 870 Series


<p>0.08 - 2.5 (4 "f-st") mm² ① AWG 28 - 12 U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5 mm / 0.197 in  6 - 7 mm / 0.26 in ②</p>	<p>0.08 - 2.5 (4 "f-st") mm² ① AWG 28 - 12 U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5 mm / 0.197 in  6 - 7 mm / 0.26 in ②</p>	<p>0.08 - 2.5 (4 "f-st") mm² ① AWG 28 - 12 U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5 mm / 0.197 in  6 - 7 mm / 0.26 in ②</p>
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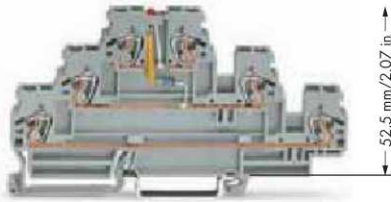


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Triple-deck diode terminal block with 1N4007 diode,		Triple-deck diode terminal block with 1N4007 diode,		Triple-deck diode terminal block with 3 diodes 1N4007,	
gray		gray		gray	
Circuit I	870-590/281-410 50	Circuit I	870-590/281-675 50	Circuit I	870-596/281-673 50
Circuit II	870-590/281-411 50	Circuit II	870-590/281-676 50	Circuit II	870-596/281-674 50
Other terminal blocks with the same profile:					
Through	870-551	Page 238			

870 Series Accessories

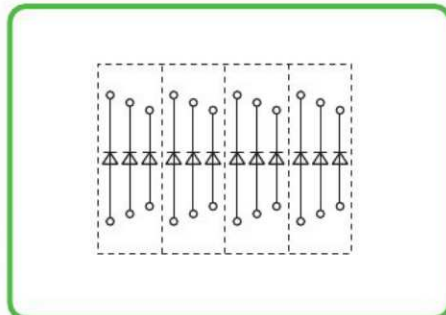
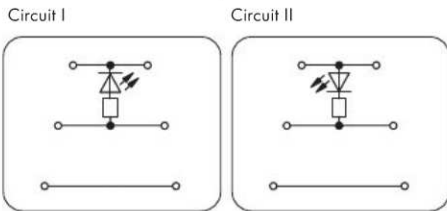
<p>End and intermediate plate, 2 mm thick</p>  <p>orange 870-569 50 (2x25) gray 870-568 50 (2x25)</p>	<p>Push-in type jumper bar, insulated,</p>  <p>I_N 18 A, light gray</p> <p>1 - 3 870-433 200 (8x25) 1 - 4 870-434 200 (8x25) 1 - 5 870-435 100 (4x25) 1 - 6 870-436 100 (4x25) 1 - 7 870-437 100 (4x25) 1 - 8 870-438 100 (4x25) 1 - 9 870-439 100 (4x25) 1 - 10 870-440 100 (4x25)</p>	<p>Miniature WSB Quick marking system, plain,</p>  <p>10 strips with 10 markers per card, 5 mm wide markers</p> <p>yellow 248-501/000-002 red 248-501/000-005 blue 248-501/000-006 gray 248-501/000-007 orange 248-501/000-012 light green 248-501/000-017 green 248-501/000-023 violet 248-501/000-024</p>
<p>Insulation stop,</p>  <p>5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st") white 280-470 200 (8x25)</p>		
<p>Insulation stop,</p>  <p>5 pcs/strip, 0.25 - 0.5 mm² light gray 280-471 200 (8x25)</p>		
<p>Insulation stop,</p>  <p>5 pcs/strip, 0.75 - 1 mm² dark gray 280-472 200 (8x25)</p>	<p>Protective warning marker,</p>  <p>with high-voltage symbol, black, for 5 terminal blocks yellow 280-405 100 (4x25)</p>	<p>WMB Multi marking system, plain,</p>  <p>10 strips with 10 markers per card, for 5 - 17.5 mm width</p> <p>yellow 793-501/000-002 red 793-501/000-005 blue 793-501/000-006 gray 793-501/000-007 orange 793-501/000-012 light green 793-501/000-017 green 793-501/000-023 violet 793-501/000-024</p>
<p>Push-in type jumper bar, insulated,</p>  <p>I_N 18 A, light gray</p> <p>2-way 870-402 200 (8x25) 3-way 870-403 200 (8x25) 4-way 870-404 200 (8x25) 5-way 870-405 100 (4x25) 6-way 870-406 100 (4x25) 7-way 870-407 100 (4x25) 8-way 870-408 100 (4x25) 9-way 870-409 100 (4x25) 10-way 870-410 100 (4x25)</p>	<p>Miniature WSB Quick marking system,</p>  <p>10 strips with 10 markers per card, 5 mm wide markers plain 248-501 5</p>	
	<p>WMB Multi marking system,</p>  <p>10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain 793-5501 5</p>	
	<p>WMB Multi marking system,</p>  <p>10 strips with 10 markers per card, for 5 - 17.5 mm width plain 793-501 5</p>	

0.08 - 2.5 (4 "f-st") mm² ① | AWG 28 - 12
 DC 24 V
 I_f 0.025 A max.
 Terminal block width 5 mm / 0.197 in
 6 - 7 mm / 0.26 in ②



52,5 mm / 2.07 in

106 mm / 4.17 in



- ① Max. insulation diameter: 4.4 mm
- ② Strip length, see packaging or instructions.
- ③ See application notes for: Insulation stop, page 159

Item No.	Pack. Unit
Triple-deck LED terminal block with red LED, DC 24 V, gray	
Circuit I	870-593/281-434 50
Circuit II	870-593/281-413 50

Triple-deck diode terminal blocks have been specially 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. The terminal blocks provide high-density wiring, while maintaining a width of only 5 mm/0.197 in.

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

WMB Multi marking system, plain,	
10 strips with 10 markers per card, stretchable 5 - 5.2 mm	
yellow	793-5501/000-002
red	793-5501/000-005
blue	793-5501/000-006
gray	793-5501/000-007
orange	793-5501/000-012
light green	793-5501/000-017
green	793-5501/000-023
violet	793-5501/000-024

5