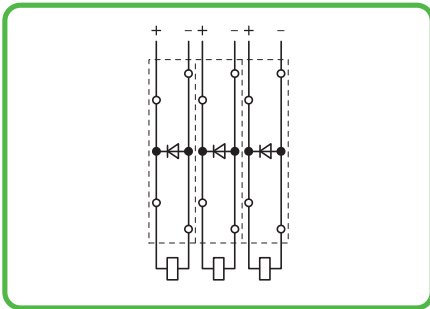
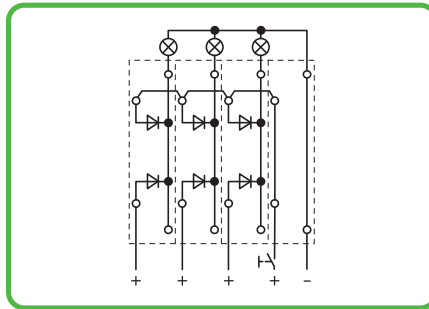


Circuit Configuration Examples

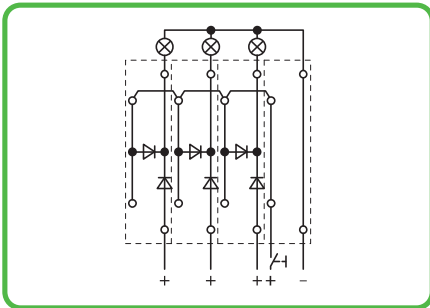
Double-Deck Diode and LED Terminal Blocks



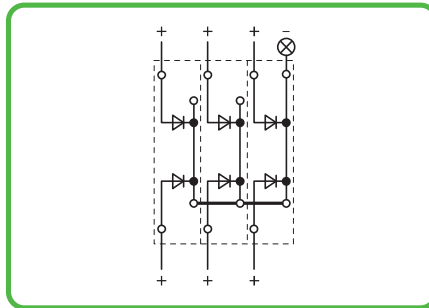
Recovery diodes can be created using the following terminal blocks:
870-540/281-410 or
870-540/281-411



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

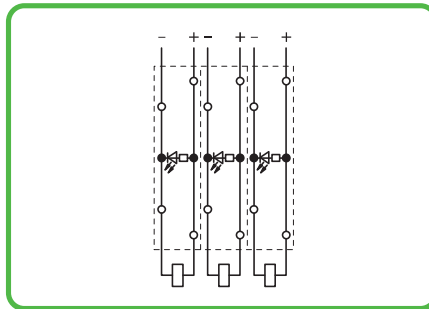


Lamp test circuits can be created using the following terminal blocks:
870-541/281-410 or
870-541/281-411










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.



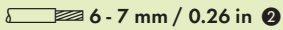
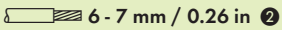
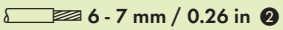
Circuit-related voltage indications can be created using the following terminal blocks:
870-543/281-434 or
870-543/281-413

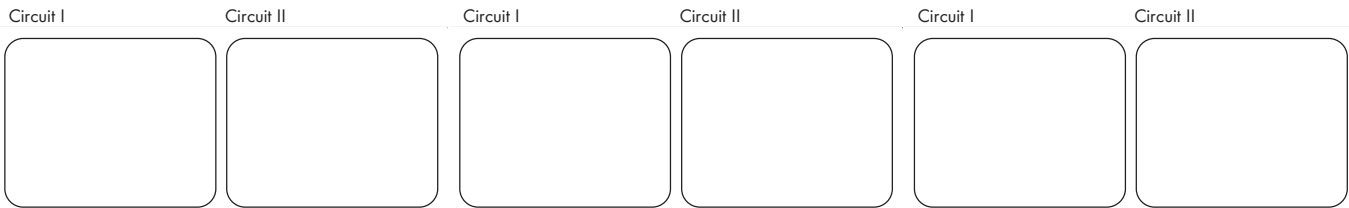
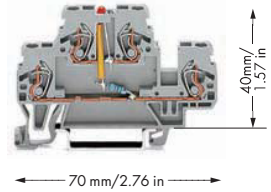
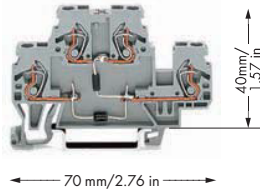
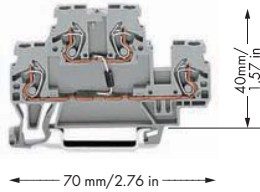
- 1 Max. insulation diameter: 4.4 mm
- 2 Strip length, see packaging or instructions.
- 3 See application notes for: Insulation stop, page 199

870 Series Accessories			
WMB/Miniature WSB (see Section 13)			
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		
	from 1 to 3	870-433	200 (8x25)
	from 1 to 4	870-434	200 (8x25)
	from 1 to 5	870-435	100 (4x25)
	from 1 to 6	870-436	100 (4x25)
	from 1 to 7	870-437	100 (4x25)
	from 1 to 8	870-438	100 (4x25)
	from 1 to 9	870-439	100 (4x25)
	from 1 to 10	870-440	100 (4x25)
Protective warning marker,			
	with high-voltage symbol, black, for 5 terminal blocks		
	yellow	280-405	100 (4x25)

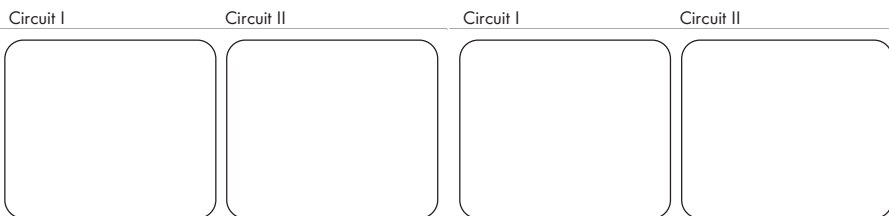
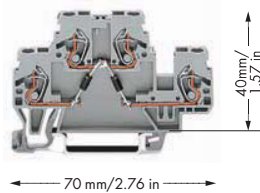
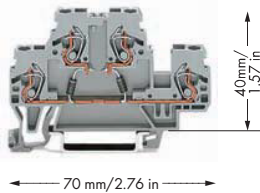
4 Double-Deck Diode Terminal Blocks and LED Terminal Blocks 2.5 mm² (4 mm² "f-st") 870 Series

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0.08 - 2.5 (4"f-st")mm²① 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	0.08 - 2.5 (4"f-st")mm²① 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	0.08 - 2.5 (4"f-st")mm²① AWG 28 - 12 24 VDC I _F 0.025 A max. Terminal block width 5 mm / 0.197 in  6 - 7 mm / 0.26 in ②
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck diode terminal block with 1N4007 diode, gray		Double-deck diode terminal block with 2 diodes 1N4007, gray		Double-deck LED terminal block with red LED, 24 VDC, gray	
<input type="radio"/> Circuit I	870-540/281-410 50	<input type="radio"/> Circuit I	870-541/281-492 50	<input type="radio"/> Circuit I	870-543/281-434 50
<input type="radio"/> Circuit II	870-540/281-411 50	<input type="radio"/> Circuit II	870-541/281-491 50	<input type="radio"/> Circuit II	870-543/281-413 50



Item No.	Pack. Unit	Item No.	Pack. Unit	
Double-deck diode terminal block with 2 diodes 1N4007, gray		Double-deck diode terminal block with 2 diodes 1N4007, gray		Through terminal blocks with same profile, see page 278
<input type="radio"/> Circuit I	870-542/281-487 50	<input type="radio"/> Circuit I	870-541/281-489 50	
<input type="radio"/> Circuit II	870-542/281-488 50	<input type="radio"/> Circuit II	870-541/281-490 50	

For list of approvals and user guide, see pages 634 to 637.