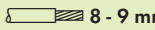
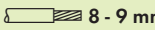
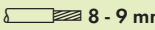
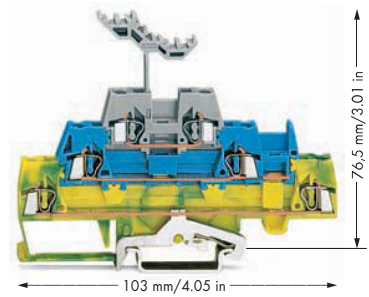
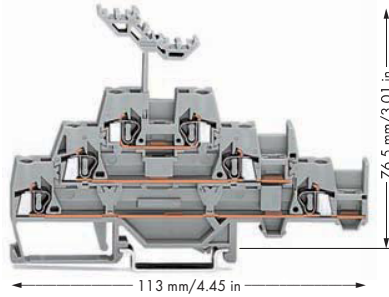
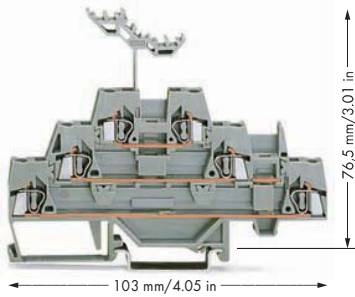
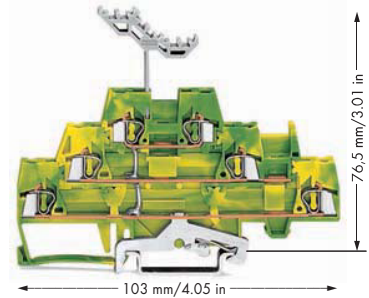
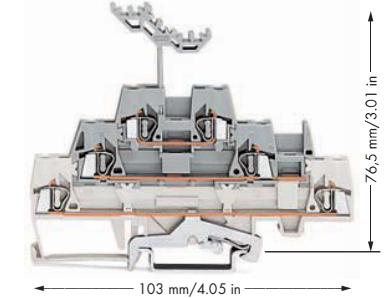
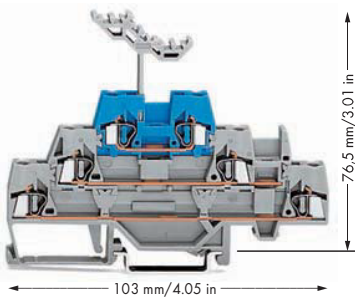


Triple-Deck Terminal Blocks 2.5 mm² 280 Series

0.08 - 2.5 mm ² 500 V/6 kV/3 ① I _N 20 A	AWG 28 - 12 * 300 V, 15 A ② 300 V, 20 A ③	0.08 - 2.5 mm ² 500 V/6 kV/3 ① I _N 20 A	AWG 28 - 12 * 300 V, 15 A ② 300 V, 20 A ③	0.08 - 2.5 mm ² 500 V/6 kV/3 ① I _N 20 A	AWG 28 - 12 * 300 V, 20 A ③
Terminal block width 5 mm / 0.197 in  8 - 9 mm / 0.33 in ②		Terminal block width 5 mm / 0.197 in  8 - 9 mm / 0.33 in ②		Terminal block width 5 mm / 0.197 in  8 - 9 mm / 0.33 in ②	

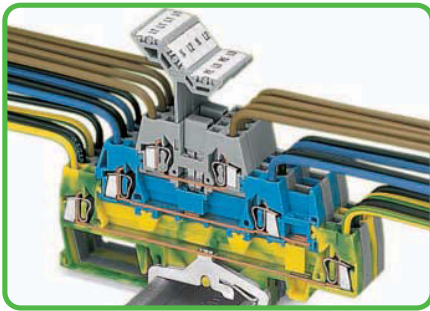


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Through/through/through terminal block		Through/through/through terminal block with horizontal jumpering on lower level		Ground conductor/through/through terminal block	
gray 280-549 40		gray 280-550 40		green-yellow/blue/gray 280-547 40	
blue 280-551 40				green-yellow/gray/gray 280-557 40	
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, 2.5 mm thick	
orange 280-304 50 (2x25)		orange 280-306 50 (2x25)		orange 280-304 50 (2x25)	
gray 280-303 50 (2x25)		gray 280-305 50 (2x25)		gray 280-303 50 (2x25)	
Intermediate plate, 1.1 mm thick		Intermediate plate, 1.1 mm thick		Intermediate plate, 1.1 mm thick	
orange 280-336 50 (2x25)		orange 280-339 50 (2x25)		orange 280-336 50 (2x25)	

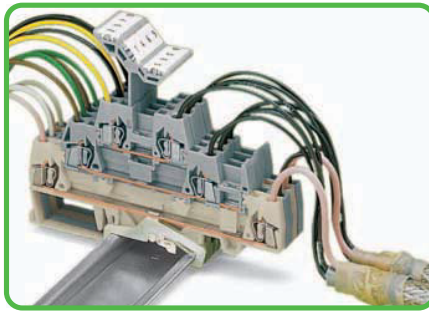


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Through/through/through terminal block		Shield/through/through terminal block		6-conductor ground terminal block, internal commoning	
gray/gray/blue 280-552 40		white/gray/gray 280-548 40		green-yellow 280-597 40	
		white/blue/gray 280-558 40			
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, 2.5 mm thick	
orange 280-304 50 (2x25)		orange 280-304 50 (2x25)		orange 280-304 50 (2x25)	
gray 280-303 50 (2x25)		gray 280-303 50 (2x25)		gray 280-303 50 (2x25)	
Intermediate plate, 1.1 mm thick		Intermediate plate, 1.1 mm thick		Intermediate plate, 1.1 mm thick	
orange 280-336 50 (2x25)		orange 280-336 50 (2x25)		orange 280-336 50 (2x25)	

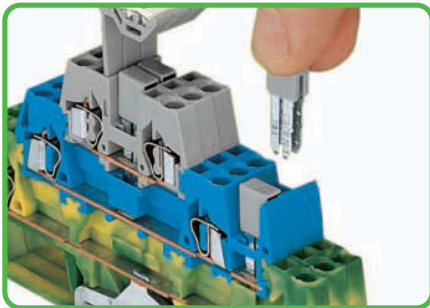
- Handling - Triple-Deck Terminal Blocks



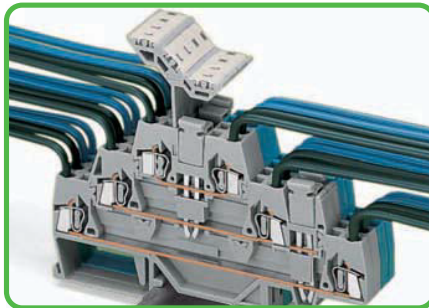
3-conductor power circuit with additional branch circuit tapping.



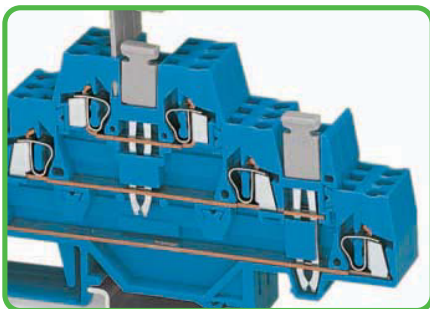
Shielded twisted pair cable.



Triple-deck terminal blocks accommodate three circuits of different potentials in one 3-level terminal block; different circuits can be differentiated by color coding either level for the 280 Series.



Commoning with vertical and adjacent jumpers.



Standard insulated push-in jumpers can be used for commoning. A vertical jumper allows commoning of upper and lower level, providing a 6-conductor feedthrough terminal block in one housing. Two adjacent terminals may be commoned together on the same level using a push-in adjacent jumper.



The ground conductor or shield terminal blocks have a contact foot in the bottom level, automatically establishing direct contact to the carrier rail. The flexible marker carrier, which is placed above the wiring levels, can be pushed aside during wiring or commoning. The marker carrier has three levels for three different WMB markers relating to the three decks of the terminal blocks. With a terminal block width of only 5 mm/0.197 in an effective width of only 1.67 mm/0.066 in for terminal blocks of same or different potentials can be realized for wire sizes 0.08 mm² - 2.5 mm² (AWG 28 - 14).

- * AWG 12: THHN, THWN
- ① 500 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:
Insulation stop, page 199
Comb-style jumper bar, page 200
Operating tool, page 200

280 Series Accessories			
Appropriate marking systems (see Section 13)			
Insulation stop,			
③	5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st") white	280-470	200 (8x25)
Insulation stop,			
③	5 pcs/strip, 0.25 - 0.5 mm ² light gray	280-471	200 (8x25)
Insulation stop,			
③	5 pcs/strip, 0.75 - 1 mm ² dark gray	280-472	200 (8x25)
Adjacent jumper, insulated,			
	I _N = I _N terminal block		
	gray	280-402	200 (8x25)
	yellow-green	280-422	200 (8x25)
Alternate jumper, insulated,			
	I _N = I _N terminal block		
	gray	280-409	100 (4x25)
Vertical jumper, insulated,			
	I _N 24 A		
	gray	281-421	200 (8x25)
Comb-style jumper bar, insulated,			
③	I _N = I _N terminal block		
	2-way	280-482	200 (8x25)
	3-way	280-483	200 (8x25)
Comb-style jumper bar, insulated,			
	I _N = I _N terminal block		
	10-way	280-490	50 (2x25)
Alternate comb-style jumper bar,			
	insulated,		
	I _N = I _N terminal block		
	2-way	280-492	200 (8x25)
Operating tool, of insulating material			
	2-way	280-432	1
	3-way	280-433	1
Operating tool, of insulating material			
	10-way	280-440	1
Screwless end stop,			
	for DIN 35 rail, 6 mm wide		
	gray	249-116	100 (4x25)