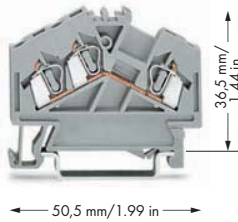


Through/Ground Conductor/Shield and Ex Terminal Blocks 2.5 mm² 280 Series

CAGE CLAMP®

0.08 - 2.5 mm² AWG 28 - 12 *
800 V/8 kV/3 ① 600 V, 20 A ②
I_N 24 A

Terminal block width 5 mm / 0.197 in
8 - 9 mm / 0.33 in ②



* AWG 12: THHN, THWN

- 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 Suitable for Ex i applications
- ④ Suitable for Ex e II applications
0.2 mm² - 2.5 mm²/AWG 24 - 12*
550 V, 23 A
(also see Section 14)
Using staggered jumpers reduces the maximum rated voltage to 275 V.
- ⑤ See application notes for:
Test plug modules, pages 194 - 196
Banana plug, page 198
Insulation stop, page 199
Comb-style jumper bar, page 200
Operating tool, page 200
Staggered jumper, page 201
Push-in type wire jumper, page 201

Item No.	Pack. Unit	280 Series Accessories		
Appropriate marking systems: WMB/WMB Inline/WFB (see Section 13)				
3-conductor through terminal block		Alternate jumper, insulated,		
gray	280-641	100	I _N = I _N terminal block gray 280-409 100 (4x25)	
blue	280-651	100		
orange	280-654	100		
light gray	280-998	100		
3-conductor ground terminal block		Staggered jumper,		
green-yellow	280-637	100	⑤ insulated, width 5 mm/0.197 in, I _N 24 A from 1 to 2 780-452 100 (4x25) from 1 to 3 780-453 100 (4x25) from 1 to 4 780-454 100 (4x25) from 1 to 5 780-455 50 (2x25) from 1 to 6 780-456 50 (2x25) from 1 to 7 780-457 50 (2x25) from 1 to 8 780-458 50 (2x25)	
green-yellow	280-637/999-950	100		
3-conductor shield terminal block		Test plug,		
white	280-640	100		with 500 mm cable, 2 mm Ø red 210-136 50
280 Series Accessories		Test plug,		
End and intermediate plate, 2.5 mm thick		with 500 mm cable, 2.3 mm Ø yellow 210-137 50		
orange	280-313	100 (4x25)	Test plug adapter, 5 mm wide, for terminal blocks 1.5 - 4 mm ² , for 210-137 test plug 2.3 mm Ø gray 280-404 100 (4x25)	
gray	280-312	100 (4x25)		
light gray	280-354	100 (4x25)		
Separator, oversized, 2.5 mm thick		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)		
orange	280-318	100 (4x25)	Banana plug, ⑤ for socket 4 mm Ø, color mixed 215-111 50	
gray	280-348	100 (4x25)		
light gray	280-355	100 (4x25)		
Ex e/Ex i separator, orange, 3 mm thick		Push-in type wire jumper,		
120 mm	209-191	50 (2x25)	⑤ insulated, I _N 9 A, wire size 0.75 mm ² L = 60 mm 249-125 10 L = 110 mm 249-126 10 L = 250 mm 249-127 10	
Spacer of same shape, 5 mm thick		Comb-style jumper bar, insulated,		
orange	280-654/056-000	100 (4x25)	⑤ I _N = I _N terminal block 2-way 280-482 200 (8x25) 3-way 280-483 200 (8x25)	
Insulation stop,		Alternate comb-style jumper bar,		
⑤ 5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st") white 280-470 200 (8x25)	insulated, I _N = I _N terminal block 2-way 280-492 200 (8x25)			
Insulation stop,		Operating tool, of insulating material		
⑤ 5 pcs/strip, 0.25 - 0.5 mm ² light gray 280-471 200 (8x25)	2-way 280-432 1 3-way 280-433 1			
Insulation stop,		Protective warning marker,		
⑤ 5 pcs/strip, 0.75 - 1 mm ² dark gray 280-472 200 (8x25)	with high-voltage symbol, black, for 5 terminal blocks yellow 280-415 100 (4x25)			
Adjacent jumper, insulated, I _N = I _N terminal block		Test plug module,		
gray 280-402 200 (8x25)	⑤ can be snapped together, 5 mm wide gray 280-418 100 (4x25)			
Spacer module,		Screwless end stop,		
gray 280-419 100 (4x25)	can be snapped together, 5 mm wide gray 280-419 100 (4x25)			
		for DIN 35 rail, 6 mm wide gray 249-116 100 (4x25)		
		for DIN 35 rail, 10 mm wide gray 249-117 50 (2x25)		