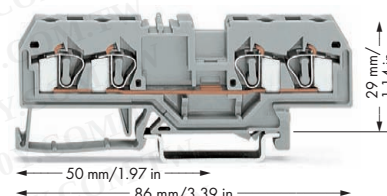
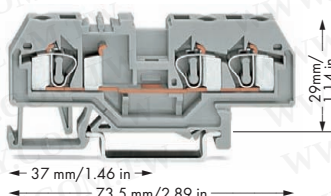
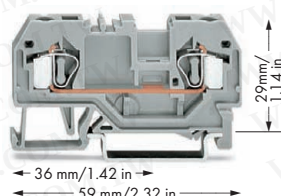


Through/Ground Conductor/Shield and Terminal Blocks 4 mm² 281 Series

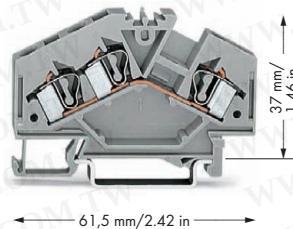
勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

0.08 - 4 mm ² 800 V/8 kV/3 ① I _N 32 A	AWG 28 - 12 600 V, 20 A  600 V, 25 A 	0.08 - 4 mm ² 800 V/8 kV/3 ① I _N 32 A	AWG 28 - 12 600 V, 20 A  600 V, 25 A 	0.08 - 4 mm ² 800 V/8 kV/3 ① I _N 26 A	AWG 28 - 12 600 V, 20 A  600 V, 25 A 
Terminal block width 6 mm / 0.236 in  9 - 10 mm / 0.37 in ②		Terminal block width 6 mm / 0.236 in  9 - 10 mm / 0.37 in ②		Terminal block width 6 mm / 0.236 in  9 - 10 mm / 0.37 in ②	



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit	
2-conductor through terminal block		3-conductor through terminal block		4-conductor through terminal block		
gray 281-901 	50	gray 281-681 	50	gray 281-652 	50	
blue 281-904  ③	50	blue 281-684  ③	50	blue 281-654  ③	50	
orange 281-902 	50	orange 281-678 	50	orange 281-653 	50	
red 281-903 	50	red 281-679 	50	red 281-663 	50	
black 281-905 	50	black 281-685 	50	black 281-664 	50	
yellow 281-906 	50	yellow 281-686 	50	yellow 281-668 	50	
light gray  ④	50	light gray  ④	50	light gray  ④	50	
2-conductor ground terminal block		3-conductor ground terminal block		4-conductor ground terminal block		
green-yellow 281-907 	50	green-yellow 281-687 	50	green-yellow 281-657 	50	
green-yellow  ④	50	green-yellow  ④	50	green-yellow  ④	50	
				4-conductor shield terminal block		
				white 281-658 		50
Other terminal blocks with the same profile:		Other terminal blocks with the same profile:		Other terminal blocks with the same profile:		
Diode 281-915/281-410	Page 216	Diode 281-673/281-410	Page 216	Diode 281-665/281-410	Page 216	
Disconnect 281-912	Page 168	Disconnect 281-683	Page 168	Disconnect 281-659	Page 168	
Carrier 281-916	Page 188	Carrier 281-610	Page 188	Disc., test & meas. 281-666	Page 168	
				Carrier 281-656	Page 188	
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 281-329	100 (4x25)	 orange 281-326	100 (4x25)	 orange 281-335	100 (4x25)	
 gray 281-328	100 (4x25)	 gray 281-324	100 (4x25)	 gray 281-334	100 (4x25)	
 light gray 281-349	100 (4x25)	 light gray 281-355	100 (4x25)	 light gray 281-345	100 (4x25)	
Separator, oversized, 2 mm thick		Separator, oversized, 2 mm thick		Separator, oversized, 2 mm thick		
 orange 281-331	100 (4x25)	 orange 281-346	100 (4x25)	 orange 281-339	100 (4x25)	
 gray 281-330	100 (4x25)	 gray 281-344	100 (4x25)	 gray 281-338	100 (4x25)	
 light gray 281-350	100 (4x25)	 light gray 281-356	100 (4x25)	 light gray 281-347	100 (4x25)	
Ex e/Ex i separator, orange, 3 mm thick		Ex e/Ex i separator, orange, 3 mm thick		Ex e/Ex i separator, orange, 3 mm thick		
 120 mm 209-191	50 (2x25)	 120 mm 209-191	50 (2x25)	 120 mm 209-191	50 (2x25)	
 90 mm 209-190	50 (2x25)					
				Cover plate,		
				1 mm thick		
				 gray 284-336 100		
				 orange 284-346 100		
281 Series Accessories						
Appropriate marking systems: WMB/WFB (see Section 13)						
Insulation stop,		Insulation stop,		Insulation stop,		
⑤  5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st")		⑤  5 pcs/strip, 0.25 - 0.5 mm ²		⑤  5 pcs/strip, 0.25 - 1.5 mm ²		
white 281-470	200 (8x25)	light gray 281-471	200 (8x25)	dark gray 281-472	200 (8x25)	

0.08 - 4 mm ²	AWG 28 - 12
800 V/8 kV/3 ①	600 V, 20 A ②
I _N 32 A	600 V, 25 A ③
Terminal block width 6 mm / 0.236 in	
9 - 10 mm / 0.37 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 Suitable for Ex i applications
- ④ Suitable for Ex e II applications
0.2 mm² - 4 mm²/AWG 24 - 12
550 V, 30 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 154 - 156
Banana plugs, page 158
Insulation stop, page 159
Comb-style jumper bar, page 160
Operating tool, page 160
Staggered jumper, page 161
Push-in type wire jumper, page 161
Step-down jumper, pages 138 - 139

Item No.	Pack. Unit	281 Series Accessories			
3-conductor through terminal block		Appropriate marking systems: WMB/WFB (see Section 13)			
gray 281-631	 100		Step-down jumper, insulated, I _N 30 A		
blue 281-651 ③	 100				
light gray ④ 281-998	 100				
3-conductor ground terminal block			Cover plate, 1 mm thick		
green-yellow 281-637	 100				
green-yellow ④ 281-637/999-950	 100				
			Test plug module, ⑤		
				insulated, I _N 9 A, wire size 0.75 mm ²	can be snapped together, 6 mm wide
				60 mm 249-125 10	gray 281-418 100 (4x25)
				110 mm 249-126 10	
		250 mm 249-127 10			
			Test plug, 		
				insulated, width 6 mm/0.236 in, I _N 32 A	with 500 mm/17.7 in cable, 2 mm Ø
				1 - 2 781-452 100 (4x25)	red 210-136 50
				1 - 3 781-453 100 (4x25)	
				1 - 4 781-454 100 (4x25)	
		1 - 5 781-455 50 (2x25)	Test plug, 		
		1 - 6 781-456 50 (2x25)		with 500 mm/17.7 in cable, 2.3 mm Ø	
Item-Specific Accessories					
End and intermediate plate, 2.5 mm thick					
	orange 281-313 100 (4x25)				
	gray 281-312 100 (4x25)				
	light gray 281-357 100 (4x25)				
Separator, oversized, 2 mm thick			Test plug adapter, 5 mm wide, 		
	gray 281-318 100 (4x25)			for terminal blocks 1.5 - 4 mm ² ,	
	gray 281-348 100 (4x25)			for 210-137 test plug 2.3 mm Ø	
	light gray 281-358 100 (4x25)			gray 280-404 100 (4x25)	
Ex e/Ex i separator, orange, 3 mm thick					
	120 mm 209-191 50 (2x25)				
			Test plug adapter, 8 mm wide, 		
				for terminal blocks 1.5 - 10 mm ² ,	
				for test plug 4 mm Ø	
				gray 209-170 50 (2x25)	
			Banana plug, ⑤  for socket 4 mm Ø, color mixed		
				215-111 50	
			Test plug adapter, 6 mm wide, 		
				with CAGE CLAMP®, for 0.08 - 2.5 mm ²	
				I _N 24 A 281-407 100 (4x25)	
			Screwless end stop, for DIN 35 rail, 6 mm/0.236 in wide		
				gray 249-116 100 (4x25)	
Protective warning marker, 			Screwless end stop, for DIN 35 rail, 10 mm/0.394 in wide		
with high-voltage symbol, black, for 5 terminal blocks					
yellow 281-415 100 (4x25)				gray 249-117 50 (2x25)	