



UNDERWRITER'S LABORATORIES LISTED WIRE COMBINATIONS

Combinations listed on this page are CU/CU Wire only. (Do not use on aluminum wire.) For use on solid and/or stranded wire combinations unless noted otherwise.

IDEAL Wire-Nut® Wire Connectors			
Model	300 Volt Maximum	600 Volt Maximum	
71B®	1 #14 1 #14 w/1 #20 or #22 1 or 2 #16 1 #16 w/1 #18 1 #16 w/1 or 2 #20 1 #16 w/1 to 3 #22 1 #16 w/1 #20 w/1 #18 or #20 1 #18 str. 1 #18 w/1 to 3 #20 1 #18 w/1 to 4 #22 1 or 2 #18 w/1 #20 w/1 #22	2 or 3 #18 2 #18 w/1 #20 2 #18 w/1 or 2 #22 1 #20 w/1 to 4 #22 2 to 4 #20 2 #20 w/1 to 3 #22 3 #20 w/1 or 2 #22 4 #20 w/1 #22 2 #22 str. 3 or 4 #22 5 #22 sol	
72B®	1 #14 str. 1 #14 w/1 #16 1 #14 w/1 or 2 #18 1 #14 w/1 to 3 #20 1 #14 w/1 to 4 #22 1 #16 str. 1 #16 w/1 to 3 #18 1 #16 w/1 #18 w/1 #20 1 #16 w/1 to 4 #20 or #22 1 #16 w/1 #22 w/1 #18 or #20 2 or 3 #16 2 #16 w/1 #18 2 #16 w/1 or 2 #20 2 #16 w/1 to 3 #22	2 #16 w/1 #20 w/1 #22 1 #18 str. 1 #18 w/1 to 4 #20 or #22 1 or 2 #18 w/1 #20 w/1 #22 1 #18 str. w/1 #20 str. 2 #18 w/1 to 3 #20 or #22 2 to 4 #18 3 #18 w/1 or 2 #20 or #22 3 to 5 #20 4 #18 w/1 #20 or #22 3 #20 w/1 or 2 #22 4 #20 w/1 #22 2 #22	
73B®	1 #14 w/2 #16 1 #14 w/1 #16 w/1 #18 1 #14 w/3 #18 1 #14 w/4 #20 2 #14 w/1 #18 2 #14 w/1 to 3 #20 or #22 3 or 4 #16 1 #16 w/4 #18 2 #16 w/2 or 3 #18 2 #16 w/3 #20 3 #16 w/1 #18 3 #16 w/1 or 2 #20 or #22 4 #16 w/1 #20 or #22	5 #18 1 #18 w/1 #20 4 #18 w/1 #20 or #22 3 #18 w/2 #20 or #22 2 #18 w/3 #22 1 #18 str. w/5 #22 str. 3 to 5 #20 4 #20 w/1 #22 3 #20 w/1 or 2 #22 2 #20 w/2 or 3 #22 1 #20 w/4 #22 5 #22	1 or 2 #14 1 #14 w/1 or 2 #18 1 #14 w/1 to 3 #20 1 #14 w/1 to 3 #22 1 #14 w/1 #16 w/1 #18 1 #14 w/1 #16 1 #16 str. 1 #16 w/1 or 2 #18 1 #16 w/1 to 3 #20 or #22 2 #16 w/1 or 2 #20 2 #16 w/1 to 3 #22 2 #16 w/1 #18 1 or 2 #16 w/1 #20 w/1 #22 1 #16 w/1 #18 w/1 #22 2 #16 2 #18 w/1 or 2 #20 or #22 1 #18 w/2 to 4 #20 1 #18 w/3 to 4 #22 1 #18 str. 3 #18 w/1 #20 or #22 2 to 4 #18 1 or 2 #18 w/1 #20 w/1 #22
74B®	1 #10 w/2 #12	1 #8 1 #10 1 to 3 #12 1 to 4 #14 2 to 5 #16 3 to 6 #20 1 #10 w/1 #12 1 #10 w/1 or 2 #14, #16 or #18 1 #10 w/3 or 4 #16 or #18 1 #12 w/1 to 3 #14, #16 or #18 1 #12 w/4 #16 or #18 2 #12 w/1 or 2 #14 2 #12 w/1 or 2 #16 or #18 1 #14 w/1 to 4 #16, #18 or #20 2 #14 w/1 to 3 #16, #18 or #20 3 #14 w/1 or 2 #16 3 #14 w/1 or 2 #18 or #20 4 #14 w/1 #16 or #18 1 #16 w/1 to 4 #18, #20 or #22 2 #16 w/1 to 3 #18, #20 or #22 3 #16 w/1 or 2 #18, #20 or #22 4 #16 w/1 or 2 #18, #20 or #22 1 #18 w/3 or 4 #20 or #22 2 #18 w/3 #30 or #22	1 #10 w/1 #12 w/1 #14 or #16 1 #10 w/1 #12 w/1 or 2 #18 1 #10 w/1 #14 w/2 #16 1 #10 w/1 #14 w/1 to 3 #18 1 #10 w/2 #14 w/1 #16 1 #10 w/1 #16 w/1 or 2 #18 1 #12 w/1 #14 w/3 #16 1 #12 w/2 #14 w/2 #16 2 #12 w/1 #14 w/1 #16 or #18 2 #12 w/1 #16 w/1 or 2 #18 1 #14 w/1 #16 w/1 to 3 #20 1 #14 w/1 #18 w/1 to 3 #20 2 #14 w/1 #16 w/1 or 2 #18 or #20 2 #14 w/1 #16 w/1 to 3 #22 3 #14 w/1 #16 w/1 #18, #20 or #22 3 #14 w/1 #18 w/1 #20 or #22 1 #16 w/1 #18 w/2 or 3 #20 or #22 1 #16 w/1 #18 w/3 or 4 #22 1 #16 w/2 #20 w/2 #22 2 #16 w/1 #18 w/1 or 2 #20 or #22 3 #16 w/1 #18 w/1 #20 or #22 1 #18 w/2 #20 w/3 #22 2 #18 w/1 #20 w/3 #22 2 to 5 #18

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IDEAL Wire-Nut® Wire Connectors				
Model	300 Volt Maximum	600 Volt Maximum		
76B®	1 #6 w/1 or 2 #16	1 #10 w/1 #12 w/3 or 4 #14	1 #6	2 #12 w/1 to 3 #14
	1 #6 w/1 #14	1 #10 w/2 #12 w/2 or 3 #16 or #18	1 #8	1 #12 w/3 or 4 #22
	1 #6 w/1 #12	1 #10 w/2 #12 w/1 or 2 #14	1 #8 w/1 to 3 #16	1 #12 w/2 to 4 #18 or #20
	1 #6 w/1 #14 w/1 to 4 #22	2 #10 w/3 #16	1 #8 w/1 or 2 #14	1 #12 w/1 to 4 #14 or #16
	1 #6 w/1 #14 w/1 or 2 #18	2 #10 w/2 or 3 #14	1 #8 w/1 #12	1 #12 w/1 #20 w/2 to 4 #22
	1 #6 w/1 #14 w/1 #16	2 #10 w/1 or 2 #12	1 #8 w/1 #14 w/1 to 4 #20	2 #12 w/1 #14 w/1 to 3 #20 or #22
	2 #8 str.	2 #10 w/1 #16 w/2 or 3 #18	1 #8 w/1 to 4 #18, #20 or #22	1 #12 w/2 #20 w/1 to 3 #22
	1 #8 w/4 #16	2 #10 w/1 #14 w/2 or 3 #20 or #22	1 #8 w/1 #14 w/1 or 2 #16	1 #12 w/ #18 w/1 to 4 #20 or #22
	1 #8 w/3 #14	2 #10 w/1 #14 w/1 to 3 #18	1 #8 w/1 #12 w/1 #16 or #18	1 #12 w/1 #16 w/1 to 4 #20 or #22
	1 #8 w/2 #12	2 #10 w/2 #14 w/1 #16	1 or 2 #10	1 #12 w/1 #16 w/1 to 4 #18
	1 #8 w/1 #10	2 #10 w/1 #12 w/1 to 3 #18	1 #10 w/1 to 4 #16, #18, #20 or #22	1 #12 w/1 #14 w/1 to 4 #16, #18, #20 or #22
	1 #8 w/1 #14 w/4 #18	2 #10 w/1 #12 w/1 or 2 #16	1 #10 w/5 #16	1 #12 w/2 #14 w/1 to 3 #16
	1 #8 w/1 #14 w/3 or 4 #16	3 #10 w/1 #16 or #18	1 #10 w/1 to 3 #14	2 #12 w/1 to 3 #20 or #22
	1 #8 w/1 #12 w/1 to 4 #16 or #18	5 #12	1 #10 w/1 or 2 #12	2 #12 w/1 or 2 #16 or #18
	1 #8 w/1 #12 w/1 or 2 #14	2 #12 w/1 #14 w/3 #16	1 #10 w/1 or 2 #20 w/1 to 3 #22	2 #12 w/1 or 2 #20 w/1 or 2 #22
	1 #8 w/2 #12 w/1 or 2 #18	2 #12 w/2 #14 w/2 #16	1 #10 w/1 #18 w/1 to 4 #20 or #22	2 #12 w/1 #18 w/1 to 3 #20 or #22
	1 #8 w/2 #12 w/1 #14 or #16	3 #12 w/2 #14	1 #10 w/1 #16 w/1 to 4 #20 or #22	2 #12 w/1 #16 w/1 to 3 #20 or #22
	1 #8 w/1 #10 w/1 #12 or #14	3 #12 w/3 #16	1 #10 w/1 #16 w/1 to 4 #18	2 #12 w/1 #16 w/1 to 3 #18
	3 #10	3 #12 w/1 #16 w/2 #18	1 #10 w/1 #14 w/1 to 4 #18, #20 or #22	2 to 5 #14
	1 #10 w/4 #14	3 #12 w/1 #14 w/1 or 2 #16	1 #10 w/1 #14 w/1 to 4 #16	4 to 6 #16
	1 #10 w/3 #12	3 #12 w/1 #14 w/1 or 2 #18	1 #10 w/2 #14 w/1 or #2 #16	2 #12 w/1 #14 w/1 to 3 #18
	1 #10 w/2 #14 w/3 #16	3 #12 w/2 #14 w/1 #16	1 #10 w/1 #12 w/1 to 4 #18	2 #12 w/1 #14 w/1 to 3 #16
1 #10 w/1 #12 w/4 #16	4 #12 w/1 #14, #16, #18, #20 or #22	1 #10 w/1 #12 w/1 to 3 #16	3 #12 w/1 #16 w/1 or 2 #18	
		1 #10 w/1 #12 w/1 or 2 #14	3 #12 w/1 #14	
		1 #10 w/2 #12 w/1 #16 or #18	3 #12 w/1 #14 w/1 #20	
		2 #10 w/1 to 3 #18	3 #12 w/1 #14 w/1 or 2 #22	
		2 #10 w/2 #16	3 #12 w/1 #14 w/1 #18	
		2 #10 w/1 #14	3 #12 w/1 or 2 #20 or #22	
		2 #10 w/1 #16 w/1 #18	3 #12 w/1 to 3 #18	
		2 #10 w/1 #14 w/1 #20 or #22	3 #12 w/1 or 2 #16	
		1 to 4 #12	3 #12 w/1 #20 w/1 or 2 #22	
		3 #12 w/1 #18 w/1 or 2 #22	3 #12 w/2 #20 w/1 #22	
		3 #12 w/1 #18 w/1 or 2 #20	3 #14 w/1 #16 w/1 or 2 #18	
		3 #12 w/1 #16 w/1 or 2 #22	4 #14 w/1 #18, #20 or #22	
		3 #12 w/1 #16 w/1 or 2 #20	4 #14 w/2 #18	
		2 #12 w/2 #14 w/1 #16	4 #14 w/1 #16	
		1 #14 w/3 or 4 #18	5 #14 w/1 #18	
		1 #14 w/2 #20 w/3 #22	1 #16 w/4 #18	
		1 #14 w/1 #18 w/4 #22	2 #16 w/3 #20	
		1 #14 w/1 #18 w/3 or 4 #20	2 #16 w/3 or 4 #18	
		1 #14 w/1 #16 w/2 to 4 #20	2 #16 w/1 #20 w/3 #22	
		1 or 2 #14 w/1 #16 w/1 to 3 #18	2 #16 w/2 #20 w/2 #22	
		2 #14 w/2 to 4 #16	2 #16 w/1 #18 w/3 #22	
		2 #14 w/1 or 2 #20 w/1 or 2 #22	2 #16 w/1 #18 w/2 or 3 #20	
		2 #14 w/1 #18 w/1 to 3 #20 or #22	3 #16 w/1 or 2 #18, #20 or #22	
		2 #14 w/1 #16 w/1 to 3 #20 or #22	3 #16 w/1 or 2 #20 w/1 #22	
		3 #14 w/1 or 2 #20 or #22	3 #16 w/1 #18 w/1 or 2 #20 or #22	
		3 #14 w/1 or 2 #16 or #18	4 #16 w/1 or 2 #22	
		3 #14 w/1 #18 w/1 or 2 #20 or #22	4 #16 w/1 #18 or #20	
		3 #14 w/1 #16 w/1 or 2 #20 or #22	4 or 5 #16 w/1 #22	

IDEAL Wire-Nut® Wire Connectors				
Model	300 Volt Max.	600 Volt Maximum		
59B®	1 #12	2 #14 w/1 #16	3 #16 w/1 to 3 #20 or #22	5 #18 w/1 #20 w/1 #22
	1 #12 w/1 to 3 #18	2 #14 w/1 #20 w/1 or 2 #22	#16 w/1 or 2 #18	1 #18 w/1 to 4 #20 or #22
	1 #12 w/1 or 2 #16	2 #14 w/1 #18 w/1 or 2 #22	3 #16 w/1 #20 w/1 or 2 #22	1 #18 w/1 #20 w/1 or 2 #22
	1 #12 w/1 #14	2 #14 w/1 #16 w/1 #20 or #22	3 #16 w/1 #18 w/1 or 2 #22	2 #18 w/1 to 4 #20 or #22
	1 to 3 #14	1 #16 Stranded OR 1#18 Str.	4 #16 w/1 or 2 #22	2 #18 w/1 #20 w/1 or 2 #22
	1 #14 w/1 to 5 #18, #20 or #22	2 to 4 #16	4 #16 w/1 #18 or #20	2 to 6 #20
	1 #14 w/1 to 3 #16	1 #16 w/1 to 5 #18, #20 or #22	4 #16 w/1 #20 w/1 #22	1 #20 w/2 to 5 #22
	1 #14 w/1 #20 w/1 or 2 #22	1 #16 w/1 #20 w/1 or 2 #22	2 to 6 #18	2 #20 w/1 to 4 #22
	1 #14 w/1 #18 w/1 or 2 #22	1 #16 w/1 #18 w/1 or 2 #22	3 #18 w/1 to 3 #20 or #22	3 #20 w/1 to 3 #22
	1 #14 w/1 #16 w/1 #20 or #22	2 #16 w/1 to 4 #18, #20 or #22	3 #18 w/1 #20 w/1 or 2 #22	4 #20 w/1 or 2 #22
	2 #14 w/1 to 4 #20 or #22	2 #16 w/1 #20 w/1 or 2 #22	4 #18 w/1 or 2 #22 or #20	5 #20 w/1 #22
	2 #14 w/1 or 2 #18	2 #16 w/1 #18 w/1 or 2 #22	4 #18 w/1 #20	4 to 6 #22

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IDEAL Wing-Nut® Wire Connectors					
Model	300 Volt Maximum	600 Volt Maximum			
451®		1 #10 1 #10 w/1 #12 1 #10 w/1 or 2 #14 1 #10 w/1 or 2 #16 1 #10 w/1 to 3 #18 1 to 3 #12 1 #12 w/1 to 5 #18 1 #12 w/1 to 3 #16 1 #12 w/1 or 2 #14	2 #12 w/1 or 2 #18 2 #12 w/1 #16 2 #12 w/1 #14 1 to 3 #14 1 #14 w/1 to 5 #18 1 #14 w/1 to 4 #16 2 #14 w/1 to 3 #18 2 #14 w/1 to 3 #16 3 #14 w/1 #16	3 #14 w/1 or 2 #18 2 to 4 #16 1 #16 w/1 to 5 #18 2 #16 w/1 to 4 #18 3 #16 w/1 to 3 #18 4 #16 w/1 or 2 #18 2 to 4 #18	
	452® & Twister- PRO® 344®		1 #6 1 or 2 #8 1 to 4 #10 1 to 5 #12 1 to 6 #14 1 to 6 #16 2 to 6 #18 3 to 6 #20 4 to 6 #22 1 #6 w/ 1 or 2 #12 1 #6 w/ 1#10 1 #6 w/ 2#14 w/ 1 or 2 #16 1 #6 w/ 1#12 w/ 1 or 2 #14 1 #6 w/ 2#12 w/ 1 #18 1 #6 w/ 1#10 w/ 1 #14 1 #8 w/ 1 to 5 #16 1 #8 w/ 1 to 4 #14 1 #8 w/ 1 to 3 #12 1 #8 w/ 2#12 w/ 1 or 2#14 1 #8 w/1 or 2 #10 1 #8 w/1 #10 w/ 1 or 2 #14 1 #8 w/1 #10 w/ 1 or 2 #12 1 #8 w/2 #10 w/ 1#14 1 #10 w/1 to 5 #18 1 #10 w/1 to 5 #16 1 #10 w/1 to 5 #14 1 #10 w/1 or 4 #12 1 #10 w/1 #16 w/1 to 4 #18 1 #10 w/1 #14 w/1 to 4 #16 1 #10 w/1 #14 w/1 to 4 #18 1 #10 w/2 #14 w/1 to 3 #16 1 #10 w/1 #12 w/1 to 4 #14 1 #10 w/1 #12 w/1 to 4 #16 1 #10 w/1 #12 w/1 to 4 #18 1 #10 w/2 #12 w/1 to 3 #16 1 #10 w/2 #12 w/1 to 3 #18 1 #10 w/2 #12 w/1 to 2 #14 1 #10 w/3 #12 w/1 #14 2 #10 w/1 to 4 #18 2 #10 w/1 to 4 #16 2 #10 w/1 to 3 #14 2 #10 w/1 to 3 #12 2 #10 w/1 #16 w/1 to 3 #18 2 #10 w/2 #14 w/1 to 2 #16 2 #10 w/1 #12 w/1 to 3 #16 2 #10 w/1 #12 w/1 or 2 #14 2 #10 w/2 #12 w/1 or 2 #18 2 #10 w/2 #12 w/1 or 2 #16 2 #10 w/2 #12 w/1 #14 3 #10 w/1 to 3 #18 3 #10 w/1 to 3 #16	3 #10 w/1 or 2 #14 3 #10 w/1 #12 3 #10 w/1 #16 w/1 or 2 #18 3 #10 w/1 #14 w/1 or 2 #18 3 #10 w/1 #14 w/1 #16 3 #10 w/1 #12 w/1 #18 3 #10 w/1 #12 w/1 #16 1 #12 w/1 to 5 #18 1 #12 w/1 to 5 #16 1 #12 w/1 to 5 #14 1 #12 w/1 #16 w/1 to 3 #18 2 #12 w/1 #16 w/1 to 3 #18 1 #12 w/1 #14 w/1 to 3 #18 1 #12 w/1 #14 w/1 to 3 #16 2 #12 w/1 #14 w/1 to 3 #18 2 #12 w/1 #14 w/1 to 3 #16 1 #12 w/2 #14 w/1 or 2 #16 2 #12 w/2 #14 w/1 or 2 #16 2 #12 w/1 to 4 #18 2 #12 w/1 to 4 #16 2 #12 w/1 to 4 #14 3 #12 w/1 to 3 #18 3 #12 w/1 to 3 #16 3 #12 w/1 to 3 #14 3 #12 w/1 #16 w/1 or 2 #18 3 #12 w/1 #14 w/1 or 2 #18 3 #12 w/1 #14 w/1 or 2 #16 3 #12 w/1 #14 w/ 1 #16 4 #12 w/1 or 2 #16 4 #12 w/1 #14 4 #12 w/1 #16 w/ 1#18 4 #12 w/1 #14 w/ 1#18 4 #12 w/1 #14 w/ 1#16 1 #14 w/1 to 5 #22 1 #14 w/1 to 5 #20 1 #14 w/1 to 5 #18 1 #14 w/1 to 5 #16 1 #14 w/1 #16 w/1 to 3 #18 2 #14 w/1 #16 w/1 to 3 #18 2 #14 w/1 to 4 #22 2 #14 w/1 to 4 #20 2 #14 w/1 to 4 #18 2 #14 w/1 to 4 #16 3 #14 w/1 to 3 #22 3 #14 w/1 to 3 #20 3 #14 w/1 to 3 #18 3 #14 w/1 to 3 #16 3 #14 w/1 #16 w/1 or 2 #18 4 #14 w/1 or 2 #22 4 #14 w/1 or 2 #20 4 #14 w/1 or 2 #18	4 #14 w/1 or 2 #16 4 #14 w/1 #16 w/ 1#18 5#14 w/ 1#185#14 w/ 1#16 1 #16 w/1 to 5 #22 1 #16 w/1 to 5 #20 1 #16 w/1 to 5 #18 1 #16 w/1 #20 w/1 to 2 #22 1 #16 w/2 #20 w/1 to 2 #22 2 #16 w/1 #20 w/1 to 2 #22 2 #16 w/2 #20 w/1 to 2 #22 1 #16 w/1 #18 w/1 to 3 #22 1 #16 w/1 #18 w/1 to 3 #20 2 #16 w/1 #18 w/1 to 3 #22 2 #16 w/1 #18 w/1 to 3 #20 2 #16 w/1 to 4 #22 2 #16 w/1 to 4 #20 2 #16 w/1 to 4 #18 3 #16 w/1 to 3 #22 3 #16 w/1 to 3 #20 3 #16 w/1 to 3 #18 3 #16 w/1 or 2#22 w/ 1#20 3 #16 w/1 #18 w/1 or 2#22 3 #16 w/1 #18 w/1 or 2#20 4 #16 w/1 to 2 #22 4 #16 w/1 to 2 #20 4 #16 w/1 to 2 #18 4 #16 w/1 #22 w/ 1#20 4 #16 w/1 #18 w/1 1#22 4 #16 w/1 #18 w/1 1#20 5 #16 w/1 #22 5 #16 w/1 #20 5 #16 w/1 #18 1 #18 w/1 to 5 #22 1 #18 w/1 to 5 #20 1 #20 w/1#22 w/ 1 to 3 #18 1 #20 w/2#22 w/ 1 to 3 #18 2 #20 w/1#22 w/ 1 to 3 #18 2 #18 w/1 to 4 #22 2 #18 w/1 to 4 #20 3 #18 w/1 to 3 #22 3 #18 w/1 to 3 #20 4 #18 w/1 or 2 #22 4 #18 w/1 or 2 #20 5 #18 w/1 #22 5 #18 w/1 #20 1 #20 w/2 to 5 #22 2 #20 w/1 to 4 #22 3 #20 w/1 to 3 #22 4 #20 w/1 to 2 #22 4 #20 w/1 to 2 #22

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IDEAL Wing-Nut® Wire Connectors		
Model	300 Volt Maximum	600 Volt Maximum
454®		1 or 2 #6
		1 #6 w/1 #12 w/1 to 4 #14
		2 or 3 #8
		1 #6 w/2 #12 w/1 to 3 #14
		1 #8 w/1 to 5 #14
		1 #6 w/3 #12 w/1 or 2 #14
		1 #8 w/1 to 5 #12
		1 #6 w/4 #12 w/1 #14
		1 #8 w/1 to 4 #10
		1 #6 w/1 #10 w/1 to 4 #14
		2 to 5 #10
		1 #6 w/1 #10 w/1 to 3 #12
		1 #10 w/3 to 5 #14
		1 #6 w/2 #10 w/1 or 2 #14
		3 to 6 #12
		1 #6 w/2 #10 w/1 #12
		1 #12 w/4 or 5 #14
		1 #6 w/1 #8 w/1 to 3 #14
		2 #12 w/2 to 4 #14
		1 #6 w/1 #8 w/1 or 2 #12
		3 #12 w/1 to 3 #14
		1 #6 w/1 #8 w/1 #10
		4 #12 w/1 #14
		2 #8 w/1 to 4 #14
		5 or 6 #14
		2 #8 w/1 to 3 #12
		1 #6 w/1 to 4 #14
	2 #8 w/1 or 2 #10	
	1 #6 w/1 to 5 #12	
	3 #8 w/1 or 2 #14	
	1 #6 w/1 to 3 #10	
	1 #8 w/1 #12 w/1 to 4 #14	
	1 #6 w/1 or 2 #8	
	1 #8 w/2 #12 w/1 to 3 #14	
	2 #6 w/1 #14	
	1 #8 w/3 #12 w/1 or 2 #14	
	2 #6 w/1 #12	
	1 #8 w/4 #12 w/1 #14	
	1 #8 w/1 #10 w/1 to 4 #14	
	1 #8 w/1 #10 w/1 to 4 #12	
	1 #8 w/2 #10 w/1 to 3 #14	
	1 #8 w/2 #10 w/1 to 3 #12	
	1 #8 w/1 #12 w/1 to 3 #12	
	1 #8 w/3 #12 w/1 or 2 #14	
	1 #8 w/4 #12 w/1 #14	
	1 #10 w/1 #12 w/1 to 4 #14	
	1 #10 w/2 #12 w/1 to 3 #14	
	1 #10 w/3 #12 w/1 or 2 #14	
	1 #10 w/3 #12 w/1 or 2 #14	
	1 #10 w/4 #12 w/1 #14	
	1 #10 w/2 to 4 #12	
	2 #10 w/1 #12 w/1 to 3 #14	
	2 #10 w/2 #12 w/1 or 2 #14	
	2 #10 w/3 #12 w/1 #14	
	2 #10 w/1 to 4 #14 or #12	
	3 #10 w/1 #12 w/1 or 2 #14	
	3 #10 w/2 #12 w/1 #14	
	3 #10 w/1 to 3 #14 or #12	
	4 #10 w/1 #12 w/1 #14	
	4 #10 w/1 #14 w/1 #12	

IDEAL Twister® Wire Connectors		
Model	300 Volt Maximum	600 Volt Maximum
341™		1 to 3 #10
		2 #18 w/1 to 4 #16, #14
		1 #10 w/1 #8
		3 #18 w/1 to 3 #12
		1 to 3 #12
		2 #18 w/1 or 2 #10
		4 #12 sol
		3 #18 w/1 to 3 #16, #14 or #12
		1 #12 w/1 or 2 #10
		3 #18 w/1 or 2 #10
		1 #12 w/1 #8
		4 #18 w/1 or 2 #16, #14 or #12
		2 #12 w/1 #10
		4 #18 w/1 #10
		1 to 5 #14
		5 #18 w/1 #16 or #14
		1 #14 sol w/1 to 3 #12
		2 to 6 #20
		1 #14 w/1 or 2 #10
		1 #20 w/1 to 4 #18, #16 or #14
		2 #14 w/1 or 2 #12
		2 #20 w/1 to 3 #18, #16 or #14
		2 #14 w/1 or 2 #10
		3 #20 w/1 or 2 #18, #16 or #14
		2 #14 w/1 #8
		4 #20 w/1 or 2 #18, #16 or #14
		3 #14 w/1 #12 or #10
		3 to 6 #22
		3 #14 w/2 #12
		1 #22 sol w/1 #20 sol
		4 #14 w/1 #12 or #10
		1 #22 w/2 to 5 #20
		1 to 6 #16
		1 #22 w/1 to 5 #18 or #16
		1 #16 w/1 to 4 #14 or #12
		2 #22 w/1 to 4 #20, #18 or #16
		1 #16 w/1 or 2 #10
		3 #22 w/1 to 3 #20, #18 or #16
		2 #16 w/1 to 4 #14
		4 #22 w/1 or 2 #20, #18 or #16
		2 #16 w/1 to 3 #12
		1 #22 w/1 #18 w/1 #16
	2 #16 w/1 or 2 #10	
	1 #22 w/1 #20 w/1 or 2 #16	
	3 #16 w/1 to 3 #14	
	1 #14 w/1 or 2 #12 w/1 #10	
	2 #14 w/1 #12 w/1 #10	
	3 #16 w/1 or 2 #12 or #10	
	1 #16 w/1 #12 w/1 #10	
	4 #16 w/1 or 2 #14 or #12	
	2 #16 w/1 #14 w/1 or 2 #12	
	4 #16 w/1 #10	
	2 #16 w/2 #14 w/1 #12	
	5 #16 w/1 #14	
	2 #16 w/1 #12 w/1 #10	
	5 #16 sol w/1 #10 sol	
	3 #16 w/1 #14 w/1 #12 or #10	
	1 #16 w/1 or 2 #14 w/1 #12 or #10	
	4 #16 w/1 #12 w/1 #10	
	2 to 6 #18	
	1 #18 w/1 or 2 #10	
	1 #18 w/1 to 4 #16, #14 or #12	

UNDERWRITER'S LABORATORIES LISTED WIRE COMBINATIONS

Combinations listed on this page are CU/CU Wire only. (Do not use on aluminum wire.) For use on solid and/or stranded wire combinations unless noted otherwise.

IDEAL Twister® Wire Connectors			
Model	300 Volt Maximum	600 Volt Maximum	
342™		1 or 2 #8	1 #16 w/1 to 3 #10
		1 #8 w/1 #6	2 #16 w/1 to 4 #14 or #12
		2 to 4 #10	2 #16 w/1 or 2 #10
		1 #10 w/1 or 2 #8	3 #16 w/1 to 3 #14
		2 #10 w/1 #8	3 #16 w/1 or 2 #12 or #10
		2 to 6 #12	4 #16 w/1 or 2 #14 or #12
		1 #12 w/1 or 2 #10	4 #16 w/1 #10
		1 #12 w/3 #10	3 #18 w/3 #16 or #14
		1 #12 w/1 or 2 #8	3 #18 w/1 or 2 #12 or #10
		1 or 2 #12 w/1 #6	4 #18 w/1 or 2 #16, #14 or #12
		2 #12 w/1 or 2 #10	5 #18 w/1 #16, #14, #12 or #10
		2 #12 w/1 #8 or #6	1 #12 w/1 #10 w/1 #8
		2 #12 w/2 #8	1 #14 w/1 #12 w/1 or 2 #10
		3 #12 w/1 #10 or #8	1 #14 w/1 #12 w/1 #8 or #6
		3 #12 w/2 #10	1 #14 w/2 #12 w/1 or 2 #10
		4 #12 w/1 #10	1 #14 w/2 #12 w/1 #8
		3 to 6 #14	1 #14 w/3 #12 w/1 #10
		1 #14 w/1 to 4 #12	1 #14 w/1 #10 w/1 #8
		1 #14 w/1 to 3 #10	2 #14 w/1 #12 w/1 or 2 #10
		1 #14 w/1 or 2 #8	2 #14 w/1 #12 w/1 #8
	1 or 2 #14 w/1 #6	2 #14 w/2 #12 w/1 #10	
	2 #14 w/1 to 3 #12	2 #14 w/1 #10 w/1 #8	
	2 #14 w/1 to 3 #10	3 #14 w/1 #12 w/1 #8	
	2 #14 w/1 #8	3 #14 w/1 #10 w/1 #8	
	3 #14 w/1 to 3 #12 or #10	1 #16 w/1 #14 w/1 or 2 #12	
	3 or 4 #14 w/1 #8	2 #16 w/1 #14 w/1 or 2 #12	
	3 #14 w/1 #6	2 #16 w/2 #14 w/1 #12 or #10	
	4 #14 w/1 or 2 #12 or #10	2 #16 w/1 #12 w/1 #10	
	4 #14 w/1 #6	3 #16 w/1 #14 w/1 or 2 #12	
	5 #14 w/1 #12 or #10	3 #16 w/1 #14 w/1 #10	
	5 #14 w/1 #8	4 #16 w/1 #14 w/1 #12	
	1 #16 w/2 to 5 #14 or #12		

IDEAL Twister® Al/Cu Wire Connectors				
Model	300 Volt Maximum	600 Volt Maximum		
65		4 to 6 #22	3 #16 w/1 to 3 #14	The following are copper to aluminum combinations. Not for use on aluminum to aluminum conductors. 1 #10 AL sol. w/1 or 2 #10 CU sol. 1 #10 AL w/1 or 2 #12 CU 1 #10 AL w/1 or 2 #14 CU 1 #10 AL w/1 or 2 #16 CU 2 #10 AL sol. w/1 #12 CU 2 #10 AL sol. w/1 #14 CU 2 #12 AL sol. w/1 #10 CU sol. 2 #12 AL sol. w/1 #10 CU str. 1 #12 AL sol. w/1 or 2 #10 CU sol or str 1 #12 AL str. w/1 or 2 #10 CU sol. 1 #12 AL w/1 or 2 #12 CU 2 #12 AL sol. w/1 #12 CU 1 #12 AL w/1 or 2 #14 CU 2 #12 AL sol. w/1 #14 CU 1 #10 AL w/1 or 2 #18 CU 2 #10 AL sol. w/1 #16 CU 2 #10 AL sol. w/1 #18 CU 1 #16 w/1 #12 w/1 #10 2 #16 w/1 #14 w/1 or 2 #12 1 #12 AL w/1 or 2 #16 CU 1 #12 AL w/1 or 2 #18 CU 2 #12 AL sol. w/1 #16 CU 2 #12 AL sol. w/1 #18 CU
		3 to 6 #20	3 #16 w/1 or 2 #12, #10	
		2 to 6 #18	4 #16 w/1 or 2 #14, #12	
		1 to 6 #16	4 #16 w/1 #10	
		1 to 5 #14	5 #16 w/1 #14	
		1 to 3 #12	5 #16 sol w/1 #10 sol	
		4 #12 sol	1 #14 sol w/1 to 3 #12	
		1 to 3 #10	1 #14 w/1 or 2 #10	
		2 #22 w/3 to 5 #20	2 #14 w/1 or 2 #12	
		1 #22 w/1 to 5 #18, #16	2 #14 w/1 or 2 #10	
		2 #22 w/1 to 4 #20, #18, #16	2 #14 w/1 #8	
		3 #22 w/1 to 3 #20, #18, #16	3 #14 w/1 #12 or #10	
		4 #22 w/1 or 2 #20, #18, #16	3 #14 w/2 #12	
		1 #20 w/1 to 4 #18, #16, #14	4 #14 w/1 #12 or #10	
		2 #20 w/1 to 3 #18, #16, #14	1 #12 w/1 or 2 #10	
		3 #20 w/1 or 2 #18, #16, #14	1 #12 w/1 #8	
		4 #20 w/1 or 2 #18, #16, #14	2 #12 w/1 #10	
		1 #18 w/1 to 4 #16, #14, #12	1 #10 w/1 #8	
		1 #18 w/1 or 2 #10	1 #22 w/1 #18 w/1 #16	
		2 #18 w/1 to 4 #16, #14, #12	1 #22 w/1 #20 w/1 or 2 #16	
		2 #18 w/1 or 2 #10	1 #16 w/1 or 2 #14 w/1 #12 or #10	
		3 #18 w/1 or 2 #10	1 #16 w/1 #12 w/1 #10	
		4 #18 w/1 or 2 #16, #14, #12	2 #16 w/1 #14 w/1 or 2 #12	
		4 #18 w/1 #10	2 #16 w/2 #14 w/1 #12	
		5 #18 w/1 #16 or #14	2 #16 w/1 #12 w/1 #10	
		1 #16 w/1 to 4 #14, #12	3 #16 w/1 #14 w/1 #12 or #10	
		1 #16 w/1 or 2 #10	4 #16 w/1 #12 w/1 #10	
		2 #16 w/1 to 4 #14	1 #14 w/1 or 2 #12 w/1 #10	
	2 #16 w/1 to 3 #12	2 #14 w/1 #12 w/1 #10		
	2 #16 w/1 or 2 #10			

UNDERWRITER'S LABORATORIES LISTED WIRE COMBINATIONS

Combinations listed on this page are CU/CU Wire only. (Do not use on aluminum wire.) For use on solid and/or stranded wire combinations unless noted otherwise.

IDEAL Twister® DB Plus™ Wire Connectors				
Model	300 Volt Maximum	600 Volt Maximum		
60		1 to 2 #10 1 to 3 #12 1 #12 w/1 #8 1 #12 w/1 #10 2 #12 w/1 #10 1 to 4 #14 1 #14 sol w/1 to 2 #12 1 #14 w/1 or 2 #10 2 #14 w/1 #10 2 #14 w/1 #12 3 #14 w/1 #12 1 #16 w/2 #10	1 #16 w/1 to 3 #12 or #14 1 #16 w/1 #10 or #12 and 1 or 2 #14 2 #16 w/1 or 2 #12 2 #16 w/1 #12 w/1 #14 2 #16 w/1 or 2 #14 2 #16 w/1 #10 2 #16 #w/1 to 4 #14 3 #16 w/1 to 3 #14 3 #16 w/1 or 2 #10 or #12 3 #16 w/1 #14 w/1 #10 or #12 4 #16 w/1 or 2 #12 or #14 4 #16 w/1 #10 and 1 #12	4 #16 w/1 #10 5 #16 w/1 #14 5 #16 sol w/1 #10 sol 1 #18 w/1 to 3 #12, #14 or #16 2 #18 w/1 or 2 #10 2 #18 w/1 to 2 #12, #14 or #16 3 #18 w/1 or 2 #10 3 #18 w/1 to 2 #14 or #16 3 #18 w/1 #10 1 #20 w/1 to 4 #16 or #18 2 #20 w/1 to 3 #14, #16 or #18

IDEAL Greenie® Grounding Connectors			
Model	300 Volt Maximum	600 Volt Maximum	
92		1 #10 w/1 or 2 #12 1 #10 w/1 to 3 #14 1 #12 w/1 to 3 #14 2 to 4 #12	3 #12 w/1 #14 2 #12 w/1 to 3 #14 2 to 4 #14

IDEAL Set Screw Wire Connectors			
Model	300 Volt Maximum	600 Volt Maximum	
10		1 #10 1 #10 str. w/1 #20 1 #10 str. w/1 or 2 #22 1 #12 1 #12 str. w/1 #14 1 #12 str. w/1 #16 w/1 #18 1 #12 str. w/1 or 2 #18 or #20 1 #12 str. w/1 #18 or #20 w/1 or 2 #20 1 #12 w/3 or 4 #20 or #22 1 or 2 #14 2 #14 w/1 #16 1 #14 w/1 or 2 #16 2 #14 str. w/1 #16 w/1 #20 or #22 1 #14 str. w/1 #16 w/1 #18, #20 or #22 2 #14 w/1 or 2 #18 1 #14 w/1 to 3 #18 2 #14 str. w/1 #18 or #20 w/1 or 2 #22 1 #14 str. w/1 #18 or #20 w/1 or 2 #22 2 #14 w/1 to 3 #20 1 #14 w/3 to 5 #20 1 #14 str. w/1 or 2 #20 1 #14 str. w/2 to 5 #22 2 #14 w/3 or 4 #22 2 #14 str. w/1 or 2 #22 2 to 4 #16 1 #16 w/1 to 5 #20 or #22 1 #16 w/1 to 4 #18	1 #16 w/1 #20 w/1 or 2 #22 1 #16 w/1 #18 w/1 or 2 #22 2 #16 w/1 to 4 #20 or #22 2 #16 w/1 to 3 #18 3 #16 w/1 #18 or #20 w/1 or 2 #22 3 #16 w/1 to 3 #20 or #22 4 #16 w/1 #18, #20 or #22 4 #16 w/1 #20 w/1 #22 2 to 6 #18 1 #18 w/1 to 5 #20 or #22 1 #18 w/1 #20 w/1 or 2 #22 2 #18 w/1 to 4 #20 or #22 2 #18 w/1 #20 w/1 or 2 #22 3 #18 w/1 to 4 #22 3 #18 w/1 to 3 #20 3 #18 w/1 #20 w/1 or 2 #22 4 #18 w/1 or 2 #20 or #22 4 #128 w/1 #20 w/1 or 2 #22 5 #18 w/1 #20 w/1 or 2 #22 2 to 6 #20 1 #20 w/1 to 5 #22 2 #20 w/1 to 4 #22 3 #20 w/1 to 3 #22 4 #20 w/1 or 2 #22 5 #20 w/1 #22 4 to 6 #22 3 #16 w/1 or 2 #18

UNDERWRITER'S LABORATORIES LISTED WIRE COMBINATIONS

Combinations listed on this page are CU/CU Wire only. (Do not use on aluminum wire.) For use on solid and/or stranded wire combinations unless noted otherwise.

IDEAL Set Screw Wire Connectors		
Model	300 Volt Maximum	600 Volt Maximum
11		1 #10 1 #10 str. w/1 or 2 #16, #18 or #20 1 #10 w/3 or 4 #18 1 #10 w/3 #16 2 #12 1 #12 w/4 #18 1 #12 w/2 #14 1 #12 w/1 #16 1 #12 w/3 to 5 #20 1 #12 w/1 to 3 #16 or #18 1 #12 w/1 #14 2 #12 w/2 or 3 #20 2 #12 w/1 or 2 #18 2 or 3 #14 3 #14 w/5 #22 3 #14 w/3 #20 1 #14 w/2 to 5 #22 1 #14 w/1 to 5 #18 or #20 1 #14 w/1 to 4 #16 2 #14 w/1 to 5 #20 or #22 2 #14 w/1 to 4 #18 2 #14 w/1 to 3 #16 3 #14 w/1 or 3 #22 3 #14 w/1 or 2 #18 or #20 3 #14 w/1 #16 4 or 5 #16 1 #16 w/4 or 5 #22
22		1 #16 w/3 to 5 #20 1 #16 w/2 to 5 #18 2 #16 w/1 to 5 #22 2 #16 w/2 to 5 #20 3 #16 w/1 to 5 #22 3 #16 w/1 to 4 #20 3 #16 w/1 to 3 #18 4 #16 w/1 to 5 #22 4 #16 w/1 or 2 #18 or #20 5 #16 w/1 to 4 #22 5 #16 w/1 #18 or 1 #20 6 or 7 #18 1 #18 w/4 or 5 #20 or #22 2 #18 w/2 to 5 #22 2 #18 w/3 or 4 #20 3 #18 w/1 to 5 #22 3 #18 w/1 to 3 #20 4 #18 w/1 to 5 #22 4 #18 w/1 or 2 #20 5 #18 w/1 to 5 #22 5 #18 w/1 #20 1 #20 w/4 or 5 #22 2 #20 w/3 to 5 #22 3 #20 w/3 to 5 #22 4 #20 w/3 to 5 #22 5 #20 w/1 to 5 #22
Crimp Connector NC-2212 Stranded Only		1 or 2 #10 1 #10 str. w/3 to 5 #20 1 #10 w/3 to 5 #18 1 #10 w/2 to 5 #16 1 #10 w/1 to 4 #14 1 #10 w/1 or 2 #12 2 #10 w/2 to 4 #20 2 #10 w/1 to 3 #18 2 #10 w/1 or 2 #16 2 #10 w/1 #14 2 #10 w/1 #12 2 to 4 #12 1 #12 w/3 to 5 #18 1 #12 w/2 to 5 #16 1 #12 w/1 to 5 #14 2 #12 w/1 to 4 #18 2 #12 w/1 to 4 #16 2 #12 w/1 to 4 #14 3 #12 w/1 to 3 #18 3 #12 w/1 or 2 #16 3 #12 w/1 #14 2 to 6 #14 1 #14 w/3 to 5 #18 1 #14 w/2 to 5 #16 2 #14 w/2 to 4 #20 2 #14 w/1 to 4 #16 3 #14 w/2 or 3 #20 3 #14 w/1 to 3 #16 4 #14 w/1 or 2 #16 5 #14 w/1 #16 2 #16 or #18 4 to 6 #16 1 #16 w/3 to 5 #18 2 #16 w/2 to 4 #18 3 #16 w/1 to 3 #18 4 #16 w/1 or 2 #18 5 #16 w/1 #18 2 #18 2 #20 w/1 to 4 #22 3 #20 w/1 to 3 #22 4 #20 w/1 or 2 #22 5 #20 w/1 #22 1 #14 w/1 #22 1 #14 w/1 #18 w/1 to 3 #22 1 #14 w/1 to 3 #20 1 #14 w/1 #18 w/1 or 2 #20 1 #14 w/1 or 2 #18 1 #16 w/1 #20 w/2 #22 1 #14 w/1 #16 1 #16 w/2 #18 w/1 or 2 #22 1 #16 w/1 to 5 #22 1 #16 w/2 #18 w/1 #20 1 #16 w/1 to 4 #20 1 #16 w/1 #18 w/1 or 2 #20 w/1 #22 1 #16 w/1 to 3 #18 1 #16 w/1 #18 w/1 #20 w/2 #22 2 #16 w/1 to 3 #22 2 #16 w/1 #18 w/1 #20 or #22 2 #16 w/1 or 2 #18 or #20 1 #18 w/1 to 4 #20 w/1 #22 1 #18 w/1 to 5 #20 or #22 1 #18 w/1 #20 w/2 to 4 #22 2 #18 w/1 to 3 #20 or #22 1 #18 w/2 #20 w/2 or 3 #22 3 #18 w/1 to 3 #22 1 #18 w/3 #20 w/2 #22 3 #18 w/1 or 2 #20 2 #18 w/1 to 3 #20 w/1 #22 4 #18 w/1 #20 or #22 2 #18 w/1 #20 w/1 to 3 #22 1 #20 w/1 to 5 #22 3 #18 w/1 #20 w/1 #22

UNDERWRITER'S LABORATORIES LISTED WIRE COMBINATIONS

Combinations listed on this page are CU/CU Wire only. (Do not use on aluminum wire.) For use on solid and/or stranded wire combinations unless noted otherwise.

IDEAL Crimp Connectors			
Model	300 Volt Maximum	600 Volt Maximum	
NC-1610 Stranded Only		2 #14 2 or 3 #16 3 to 6 #18 1 #12 w/1 or 2 #18 1 #12 w/1 #16 1 #14 w/1 to 3 #18	1 #14 w/1 or 2 #16 1 #16 w/1 to 4 #18 2 #16 w/1 to 3 #18 3 #16 w/1 #18 1 #14 w/1 #16 w/1 #18 1 #18 sol w/2 #18 str.
NC-8 Stranded Only		2 #10 2 or 3 #12 3 to 5 #14 4 to 7 #16 7 to 12 #18 1 #8 w/1 #14, #16 or #18 1 #8 w/2 #18 1 #10 w/1 #12 1 #10 w/2 #14 1 #10 w/1, 2 or 4 #16 (no 3 #16's) 1 #10 w/1 to 6 #18 1 #12 w/3 to 8 #18 1 #12 w/2 to 5 #16 1 #12 w/1 to 4 #14 2 #12 w/1 to 4 #14	2 #12 w/1 to 3 #16 2 #12 w/2 #14 1 #14 w/4 to 10 #18 1 #14 w/3 to 6 #16 2 #14 w/2 to 7 #18 2 #14 w/1 to 4 #16 3 #14 w/1 to 5 #18 3 #14 w/1 to 3 #16 4 #14 w/1 or 2 #18 1 #16 w/5 to 11 #18 2 #16 w/4 to 9 #18 3 #16 w/2 to 7 #18 4 #16 w/1 to 6 #18 5 #16 w/1 to 4 #18 6 #16 w/1 #18

IDEAL Crimp Connectors			
Model	300 Volt Maximum	600 Volt Maximum	
410		2 #14 str. 5 to 10 #18 3 to 7 #16 1 #14 sol w/1 #14 str. 3 to 6 #14 2 to 4 #12 2 #10 str. 1 #10 sol w/1 #10 str. 1 #14 w/1 to 3 #12 1 #14 w/1 or 2 #12 w/1 #10 2 #14 w/1 or 2 #12 2 #14 w/1 #10 w/1 #12 3 #14 w/1 or 2 #12 3 #14 w/1 #10 1 #12 w/1 to 4 #14 2 #12 w/1 to 3 #14 2 #12 w/1 #10 2 #10 w/1 or 2 #14 2 #10 w/1 #12 1 #10 w/1 to 4 #14 1 #10 w/1 #12 1 #10 w/2 #12 1 #10 str. or sol w/1 or 2 or 4 to 7 #18 (no combinations with 3 #18) 1 #10 str. or sol w/1 to 6 #16 str. 1 #10 str. w/1 to 6 #16 sol 1 #12 w/1 to 9 #18 or 1 to 7 #16 2 #12 w/1 to 6 #18 or 1 to 4 #16 3 #12 w/1 to 3 #18 or #1 or 2 #16 1 #14 w/1 to 9 #18 1 #14 w/1 to 7 #16 2 #14 w/1 to 8 #18 or 1 to 5 #16 3 #14 w/1 to 5 #18 3 #14 w/1 to 4 #16 4 #14 w/1 to 3 #18 or 1 or 2 #16 1 #16 w/3 to 7 #18 2 #16 w/2 to 8 #18 3 #16 w/1 to 7 #18	4 #16 w/1 to 5 #18 5 #16 w/1 to 4 #18 6 #16 w/1 or 2 #18 7 #16 w/1 #18 1 #10 w/1 #18 w/5 #16 1 #10 w/1 to 3 #18 w/4 #16 1 #10 w/1 to 4 #18 w/3 #16 1 #10 w/1 to 6 #18 w/2 #16 1 #10 w/1 to 8 #18 w/1 #16 2 #10 w/1 or 2 #16 2 #10 w/1 or 2 #18 w/1 #16 2 #10 w/1 to 4 #18 1 #12 w/1 or 2 #18 w/6 #16 1 #12 w/1 to 3 #18 w/5 #16 1 #12 w/1 to 4 #18 w/4 #16 1 #12 w/1 to 5 #18 w/3 #16 1 #12 w/1 to 6 #18 w/2 #16 1 #12 w/1 to 8 #18 w/1 #16 2 #12 w/1 #18 w/4 #16 2 #12 w/1 to 3 #18 w/3 #16 2 #12 w/1 to 4 #18 w/2 #16 2 #12 w/1 to 5 #18 w/1 #16 3 #12 w/1 or 2 #18 w/1 #16 1 #14 w/1 #18 w/6 #16 1 #14 w/1 or 2 #18 w/5 #16 1 #14 w/1 to 4 #18 w/4 #16 1 #14 w/1 to 5 #18 w/3 #16 1 #14 w/1 to 7 #18 w/2 #16 1 #14 w/1 to 8 #18 w/1 #16 2 #14 w/1 #18 w/4 #16 2 #14 w/3 #18 w/3 #16 2 #14 w/5 #18 w/2 #16 2 #14 w/7 #18 w/1 #16 3 #14 w/1 or 2 #18 w/3 #16 3 #14 w/1 to 4 #18 w/2 #16 3 #14 w/1 to 5 #18 w/1 #16 4 #14 w/1 or 2 #18 w/1 #16

UNDERWRITER'S LABORATORIES LISTED WIRE COMBINATIONS

Combinations listed on this page are CU/CU Wire only. (Do not use on aluminum wire.) For use on solid and/or stranded wire combinations unless noted otherwise.

IDEAL Crimp Connectors					
Model	300 Volt Maximum	600 Volt Maximum			
411		2 #8 2 #8 w/1 #12 2 #8 w/1 or 2 #14 1 #8 w/1 or 2 #10 1 #8 w/1 to 3 #12 1 #8 w/1 to 4 #14 2 or 3 #10 4 #10 sol 3 #10 w/1 #12 3 #10 w/1 or 2 #14 3 #10 w/1 or 2 #16	3 #10 w/1 or 2 #18 2 #10 w/1 to 3 #12 2 #10 w/1 to 3 #14 2 #10 w/1 to 3 #16 2 #10 w/1 to 3 #18 1 #10 w/2 to 4 #12 1 #10 w/3 or 4 #14 1 #10 w/4 #16 3 to 5 #12 4 #12 w/1 #14 4 #12 w/1 #16	4 #12 w/1 #18 3 #12 w/1 or 2 #14 3 #12 w/1 or 2 #16 3 #12 w/1 or 2 #18 2 #12 w/2 or 3 #14 2 #12 w/3 #16 1 #12 w/4 #14 5 #14	
	412		1 #4 w/1 to 3 #14 1 #4 w/1 or 2 #12 1 #4 w/1 #10 1 #4 w/1 #8 1 #6 w/1 to 6 #14 1 #6 w/1 to 5 #12 1 #6 w/1 to 3 #10 1 #6 w/1 or 2 #8 2 #6 w/1 #14 2 #6 w/1 #12 1 #8 w/1 to 5 #14 1 #8 w/1 to 5 #12 1 #8 w/1 to 3 #10 2 #8 w/1 to 5 #14 2 #8 w/1 to 3 #12 2 #8 w/1 or 2 #10 1 #10 w/1 to 6 #18 1 #10 w/1 to 6 #16 1 #10 w/1 to 5 #14 1 #10 w/1 to 5 #12 2 #10 w/1 to 5 #18 2 #10 w/1 to 5 #16 2 #10 w/1 to 5 #14 2 #10 w/1 to 5 #12	3 #10 w/1 to 4 #18 3 #10 w/1 to 4 #16 3 #10 w/1 to 4 #14 3 #10 w/1 to 3 #12 4 #10 w/1 to 3 #18 4 #10 w/1 to 3 #16 4 #10 w/1 to 3 #14 4 #10 w/1 or 2 #12 1 #12 w/1 to 6 #18 1 #12 w/1 to 6 #16 1 #12 w/1 to 6 #14 2 #12 w/1 to 5 #16 2 #12 w/1 to 5 #16 2 #12 w/1 to 5 #14 3 #12 w/1 to 3 #18 3 #12 w/1 to 3 #16 3 #12 w/1 to 4 #14 4 #12 w/1 to 3 #18 4 #12 w/1 to 3 #16 4 #12 w/1 to 3 #14 5 #12 w/1 or 2 #18 5 #12 w/1 or 2 #16 5 #12 w/1 or 2 #14 1 #14 w/2 to 6 #18	1 #14 w/1 to 6 #16 2 #14 w/1 to 5 #18 2 #14 w/1 to 5 #16 3 #14 w/2 to 4 #18 3 #14 w/1 to 3 #16 4 #14 w/1 to 3 #18 4 #14 w/1 to 3 #16 5 #14 w/1 or 2 #18 5 #14 w/1 or 2 #16 6 #14 w/1 #18 6 #14 w/1 #16 1 #16 w/4 to 6 #18 2 #16 w/2 to 5 #18 3 #16 w/1 to 4 #18 4 #16 w/1 to 3 #18 5 #16 w/1 or 2 #18 6 #16 w/1 #18 2 #6 2 or 3 #8 2 to 5 #10 2 to 6 #12 2 to 7 #14 3 to 7 #16 5 to 7 #18



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