



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	2 or 3 #18	
	1 #14 w/1 #20 or #22	2 #18 w/1 #20	
	1 or 2 #16	2 #18 w/1 or 2 #22	
	1 #16 w/1 #18	1 #20 w/1 to 4 #22	
	1 #16 w/1 or 2 #20	2 to 4 #20	
	1 #16 w/1 to 3 #22	2 #20 w/1 to 3 #22	
	1 #16 w/1 #20 w/1 #18 or #20	3 #20 w/1 or 2 #22	
	1 #18 str.	4 #20 w/1 #22	
	1 #18 w/1 to 3 #20	2 #22 str.	
	1 #18 w/1 to 4 #22	3 or 4 #22	
	1 or 2 #18 w/1 #20 w/1 #22	5 #22 sol	
72B®	1 #14 str.	2 #16 w/1 #20 w/1 #22	
	1 #14 w/1 #16	1 #18 str.	
	1 #14 w/1 or 2 #18	1 #18 w/1 to 4 #20 or #22	
	1 #14 w/1 to 3 #20	1 or 2 #18 w/1 #20 w/1 #22	
	1 #14 w/1 to 4 #22	1 #18 str. w/1 #20 str.	
	1 #16 str.	2 #18 w/1 to 3 #20 or #22	
	1 #16 w/1 to 3 #18	2 to 4 #18	
	1 #16 w/1 #18 w/1 #20	3 #18 w/1 or 2 #20 or #22	
	1 #16 w/1 to 4 #20 or #22	3 to 5 #20	
	1 #16 w/1 #22 w/1 #18 or #20	4 #18 w/1 #20 or #22	
	2 or 3 #16	3 #20 w/1 or 2 #22	
	2 #16 w/1 #18	4 #20 w/1 #22	
	2 #16 w/1 or 2 #20	2 #22	
	2 #16 w/1 to 3 #22		
73B®	1 #14 w/2 #16	5 #18	1 or 2 #14
	1 #14 w/1 #16 w/1 #18	1 #18 w/1 #20	1 #14 w/1 or 2 #18
	1 #14 w/3 #18	4 #18 w/1 #20 or #22	1 #14 w/1 to 3 #20
	1 #14 w/4 #20	3 #18 w/2 #20 or #22	1 #16 w/1 #18 w/1 #22
	2 #14 w/1 #18	2 #18 w/3 #22	2 #16
	2 #14 w/1 to 3 #20 or #22	1 #18 str. w/5 #22 str.	2 #18 w/1 or 2 #20 or #22
	3 or 4 #16	3 to 5 #20	1 #18 w/2 to 4 #20
	1 #16 w/4 #18	4 #20 w/1 #22	1 #18 w/3 to 4 #22
	2 #16 w/2 or 3 #18	3 #20 w/1 or 2 #22	1 #18 str.
	2 #16 w/3 #20	2 #20 w/2 or 3 #22	3 #18 w/1 #20 or #22
	3 #16 w/1 #18	1 #20 w/4 #22	2 to 4 #18
	3 #16 w/1 or 2 #20 or #22	5 #22	1 or 2 #18 w/1 #20 w/1 #22
	4 #16 w/1 #20 or #22		
	74B®	1 #10 w/2 #12	
			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	600 Volt Maximum			
59B®	1 #12	2 #14 w/1 #16	3 #16 w/1 to 3 #20 or #223	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