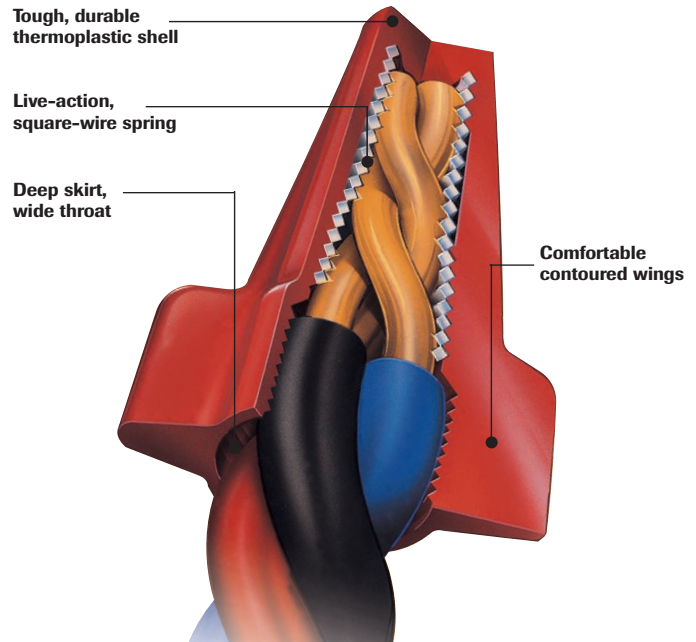
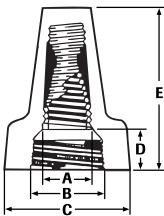


Wing-Nut® Wire Connectors

- Three color-coded models cover a full range of wire sizes from 18 through 6 AWG
- Specially designed contoured wings provide a secure grip for extra leverage on maximum wire combinations
- Live-action spring expands to accept wire shape and size with no pre-twisting required
- Square-wire spring threads directly onto conductors for fast, secure connections
- Deep skirt helps protect against flash-over and turned-back strands for maximum dielectric protection
- Easily removed for repeat usage on same size or larger wire combinations
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- UL Listed to 486C and CSA Certified to C22.2 #188; comply with Federal Specification W-S-610E
- Classified in accordance with IEC Publications 998-2 and 998-2-4



Dimensions (Inches/mm)



Model	A	B	C	D	E
451°	15/64 6	11/32 9	11/16 18	5/16 8	1-1/64 26
452°	21/64 8.5	15/32 12	15/16 24	5/16 8	1-15/64 31.5
454°	7/16 11	5/8 16	1-3/16 30	13/32 10.5	1-15/32 37.5
92°	21/64 8.5	13/32 10.5	29/32 23	9/32 10	1-5/32 30

Model	Color	Wire Combination Range	Wire Combination Range (mm)	Quantity	Cat. No.
451°	Yellow	600V* 18 thru 10 AWG Min. 2 #18 Max. 4 #10	600V* ,75mm ² to 6,0mm ² Min. 2-,75mm ² Max. 3-4,0mm ²	Box of 100	30-451
				Jar of 225	30-451J
				Jar of 500	30-651J
				Carton of 1,000	30-551
				Keg of 5,000 (10 bags, 500 ea.)	30-651
452°	Red	600V* 18 thru 8 AWG Min. 2 #18 Max. 4 #10	600V* ,75mm ² to 10,0mm ² Min. 2-,75mm ² Max. 4-6,0mm ²	Barrel of 35,000	30-851
				Box of 100	30-452
				Jar of 300	30-452J
				Jar of 500	30-652J
				Carton of 1,000	30-552
454°	Blue	600V* 14 thru 6 AWG Min. 3 #12 Max. 1 #6 & 2 #8	600V* 2,5mm ² to 16,0mm ² Min. 3-4,0mm ² Max. 2-16,0mm ² w/1-4,0mm ²	Keg of 5,000 (10 bags, 500 ea.)	30-652
				Barrel of 25,000	30-852
				Box of 50	30-454
				Keg of 2,500 (25 bags, 100 ea.)	30-654

*1,000V maximum in fixtures and signs



Model	Min	Max
451 Yellow	2 #18	3 #12
452 Red	2 #18	4 #10
454 Blue	3 #12	1 #6 & 2 #8
Wire Combinations	2 #18 2 #14	3 #12 5 #12 4 #10 5 #10