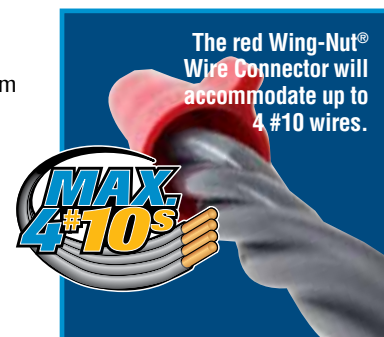





## Wing-Nut® Wire Connectors

- Three color-coded models cover a full range of wire sizes from 18 to 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
- 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




| Model  | Color  | Wire Combination Range   | Wire Combination Range (mm)  | Quantity         | Cat. No.       |
|--|--------|--|--|------------------|----------------|
| 451®<br>  | Yellow | 600V*<br>18 to 10 AWG<br>Min. 2 #18<br>Max. 3 #12              | 600V*<br>,75mm <sup>2</sup> to 6,0mm <sup>2</sup><br>Min. 2-.75mm <sup>2</sup><br>Max. 3-4,0mm <sup>2</sup>                          | Box of 100       | <b>30-451</b>  |
|  |        |  |  | Jar of 225       | <b>30-451J</b> |
|  |        |  |  | Jar of 500       | <b>30-651J</b> |
|  |        |  |  | Bag of 500       | <b>30-651</b>  |
|  |        |  |  | Carton of 1,000  | <b>30-551</b>  |
| 452®<br>  | Red    | 600V*<br>18 to 8 AWG<br><b>Min. 2 #18</b><br><b>Max. 4 #10</b> | 600V*<br>,75mm <sup>2</sup> to 10,0mm <sup>2</sup><br>Min. 2-.75mm <sup>2</sup><br>Max. 4-6,0mm <sup>2</sup>                         | Barrel of 35,000 | <b>30-851</b>  |
|  |        |  |  | Box of 100       | <b>30-452</b>  |
|  |        |  |  | Jar of 300       | <b>30-452J</b> |
|  |        |  |  | Jar of 500       | <b>30-652J</b> |
|  |        |  |  | Bag of 500       | <b>30-652</b>  |
| 454®<br> | Blue   | 600V*<br>14 to 6 AWG<br>Min. 3 #12<br>Max. 1 #6 & 2 #8         | 600V*<br>2,5mm <sup>2</sup> to 16,0mm <sup>2</sup><br>Min. 3-4,0mm <sup>2</sup><br>Max. 2-16,0mm <sup>2</sup> w/1-4,0mm <sup>2</sup> | Carton of 1,000  | <b>30-552</b>  |
|  |        |  |  | Barrel of 25,000 | <b>30-852</b>  |
|  |        |  |  | Box of 25        | <b>30-454</b>  |
|  |        |  |  | Bag of 100       | <b>30-654</b>  |
|  |        |  |  | Carton of 250    | <b>30-554</b>  |
|  |        |  |  | Barrel of 10,000 | <b>30-854</b>  |

\*1,000V maximum in fixtures and signs



## Greenie® Grounding Wire Connectors

- Designed for making ground connections and bonding non-metallic sheathed cable
- Contoured wings for maximum leverage
- Live-action, square-wire spring provides superior grounding connections
- Tough, UL 94V-2 flame-retardant shell
- UL Listed to 467 and CSA Certified to C22.2 #188; comply with Federal Specification W-S-610E

| Model  | Color | Wire Combination Range               | Wire Combination Range (mm)   | Quantity         | Cat. No.       |
|--|-------|--------------------------------------|---|------------------|----------------|
| 92®<br> | Green | 14 to 10<br>Min. 2 #14<br>Max. 4 #12 | 2,5mm <sup>2</sup> to 6,0mm <sup>2</sup><br>Min. 2-2,5mm <sup>2</sup><br>Max. 2-4,0mm <sup>2</sup> w/1-2,5mm <sup>2</sup> | Box of 100       | <b>30-092</b>  |
|  |       |                                      |   | Jar of 150       | <b>30-092J</b> |
|  |       |                                      |   | Bag of 500       | <b>30-292</b>  |
|  |       |                                      |   | Carton of 1,000  | <b>30-192</b>  |
|  |       |                                      |   | Barrel of 25,000 | <b>30-992</b>  |

**Greenie® Grounding Connector fully meets the intent of the N.E.C. and specifically aids in compliance with the following:**

### ARTICLE 250: GROUNDING

- 250-146 Connecting Receptacle Grounding Terminal to Box
- 250-148 Continuity and Attachment of Equipment Grounding Conductors to Boxes
  - (B) Grounding continuity
  - (D) Nonmetallic boxes



**See Page A-10 for more  
IDEAL Grounding Products!**