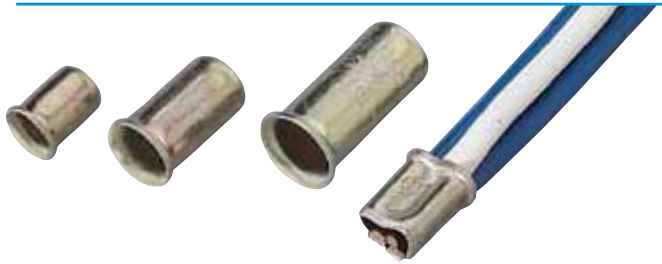


## Crimp Connectors



- Designed for making fast, permanent, pressure-type connections
- Long, zinc-plated steel sleeves maximize contact area with conductors
- Will not vibrate loose when securely crimped
- UL Listed to 486C and CSA Certified to C22.2 #188; comply with Federal Specification W-S-610E.

### Steel Crimp Connectors

Model	Wire Combination Range	Quantity	Cat. No.
410	600V 18 thru 10 AWG Min. 1 #14 & 1 #18 Max. 2 #10 & 2 #14	Box of 100	<b>30-410</b>
		Carton of 1,000	<b>30-510</b>
		Keg of 10,000	<b>30-610</b>
411	600V 18 thru 8 AWG Min. 3 #12 Max. 4 #10	Box of 40	<b>30-401</b>
		Box of 50	<b>30-411</b>
		Carton of 1,000	<b>30-511</b>
412	600V 18 thru 4 AWG Min. 1 #14 & 1 #16 Max. 2 #8 & 1 #6	Box of 20	<b>30-402</b>
		Box of 50	<b>30-412</b>
		Carton of 1,000	<b>30-512</b>



**IDEAL hand tools U.L. listed for Model 410, 411, 412.  
Crimps: 30-425, 30-429, 30-430.**

## Wrap-Cap® Insulators

- Provide high dielectric and physical protection for UL Listed, non-insulated pressure-type wire connectors
- Cap and loop design eliminates need for tape
- Unique design completely covers splice — insulates both around and between wires
- Reusable and easy to install
- UL Listed to 486C and CSA Certified for 600V maximum building wiring (1,000V maximum for fixtures and signs); temperature rated at 75°C (167°F) maximum



Model	Description	Quantity	Cat. No.
415	Insulator Model 410 Connectors can also be used on Buchanan 2006S & 2011S Copper Crimps	Box of 100	<b>30-415</b>
		Carton of 1,000	<b>30-515</b>
		Keg of 10,000	<b>30-615</b>
417	Insulator for Model 411 & 412 Connectors can also be used on Buchanan 2011S Copper Crimps	Box of 50	<b>30-417</b>
		Carton of 1,000	<b>30-517</b>



## Pre-Insulated Crimp Connectors

- Three models cover a wide range of wire combinations from 22 AWG stranded through 8 AWG stranded
- Compact design fits easily into tight locations
- Flared skirt protects against turned-back strands
- Beveled opening eases wire entry
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- UL Listed to 486C and CSA Certified for 600V maximum building wiring (1,000V maximum for fixtures and signs); temperature rated at 105°C (221°F) maximum



Model	Wire Combination Range	Quantity	Cat. No.
48	600V* Min. 2 #22 Max. 1 #14 w/2 #18	1,000	<b>30-245</b>
		10,000	<b>30-645</b>
49	600V* Min. 1 #22 w/1 #18 Max. 1 #12 w/1 #16	1,000	<b>30-249</b>
		10,000	<b>30-649</b>
NC-8	600V* Min. 4 w/#16 Max. 1 #12 w/4 #14	1,000	<b>30-148</b>
		5,000	<b>30-648</b>

\*1,000V maximum in fixtures and signs.

