



***Crimp Sleeve  
Wire Connector***

Warranty limited solely to repair or replacement;  
no warranty of merchantability, fitness for a  
particular purpose or consequential damages.

Pat. No. 2,810,897

**IDEAL INDUSTRIES, INC.**

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**I 9640-2**

Made in U.S.A.



**Cu/Cu  
only**



To be sold only with installation instructions.

## Instructions

Crimp with IDEAL Electrician's Pliers, models 430 or 420; IDEAL Crimp Tool, model 425 (using small crimp die) or model 429 using "BARE" crimp die). Insulate with IDEAL model 417 WRAP-CAP®.

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**Note: Always turn off power before installing or removing connectors.**

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Listed as a PRESSURE-TYPE wire connector on the following solid and/or stranded wire combinations: COPPER TO COPPER ONLY (DO NOT USE ON ALUMINUM).

1. Strip 2" & insert wires.



2. Pretwist wires before crimping.



3. Crimp sleeve twice & trim.



4. Apply WRAP-CAP® insulator.



## Model 411 Sleeve with WRAP-CAP® - 600V listing applies\*

2 #8**	2 #8 w/1 #12
2 or 3 #10	2 #8 w/1 or 2 #14
4 #10 Sol.	1 #10 w/2 to 4 #12
3 to 5 #12	1 #10 w/3 or 4 #14
5 #14	1 #10 w/4 #16
1 #8 w/1 or 2 #10	2 #10 w/1 to 3 #12
1 #8 w/1 to 3 #12	2 #10 w/1 to 3 #14
1 #8 w/1 to 4 #14	2 #10 w/1 to 3 #16
2 #10 w/1 to 3 #18	2 #12 w/3 #16
3 #10 w/1 #12	3 #12 w/1 or 2 #14
3 #10 w/1 or 2 #14	3 #12 w/1 or 2 #16
3 #10 w/1 or 2 #16	3 #12 w/1 or 2 #18
3 #10 w/1 or 2 #18	4 #12 w/1 #14
1 #12 w/4 #14	4 #12 w/1 #16
2 #12 w/2 or 3 #14	4 #12 w/1 #18

\*1000V Max. in fixtures and signs.

\*\*Not C.S.A. certified.

**OEM:** A connector designated as an OEM (Original Equipment Manufacturer) connector does not require pre-twisting when used in OEM applications.