

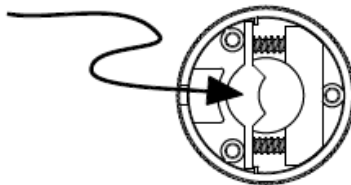


## 20A and 30A Plug & Connector Wiring Instructions

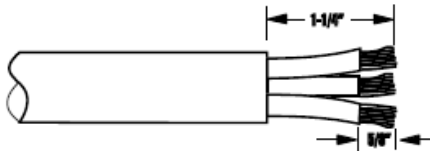
**Warning:** To prevent electrocution, make sure the cord is not connected to a power source before installing the plug or connector. Failure to comply with the following instructions could cause an electrical failure or fire.

1. Check to see that the rating on the plug or connector is correct for the installation.
2. Select a cable of suitable capacity, service and temperature rating. The plugs and connectors are designed for use with 3-wire, round jacketed cable with diameters from .325" (16/3 SJ) to .720" (10/3 S).
3. Slide the housing over the cable. If the cable is 600V type S (vs. 300V type SJ) knock out the cord clamp insert from inside the housing. Cords larger than .475" will not fit through the housing unless the cord clamp insert is removed.

*Inside view of the housing with the arrow pointing to the removable insert*



4. Strip the cable as shown below. Make sure the wire is clean and a bright copper color. **Do not solder the ends of the wires.**



5. Insert all the conductors into the proper wire terminals. Connect the green wire (or green with yellow stripe) to the terminal with the green colored screw, connect the white wire to the terminal with the silver colored screw, and connect the black wire to the terminal with the black, or brass, colored screw.
6. Tighten the terminal screws to 14-20 in.-lbs. torque.  
**Make certain there is no wire insulation under any terminal clamp.**
7. Slide the housing over the plug or connector body and tighten the assembly screws.  
*NOTE: A keyway in the housing and body properly aligns the two parts.*
8. Alternately tighten down the two strain relief screws at the rear of the housing to 8 in.-lbs. torque.