50A PLUGS AND CONNECTORS
WIRING INSTRUCTIONS

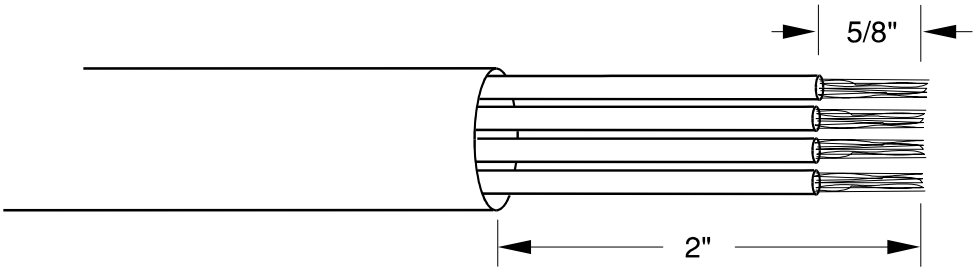
WARNING: To prevent electrocution make sure the cable is not connected to a power source before installing the plug or connector.

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 ampacity, service, and temperature rating. The plugs and connectors are designed for use with round jacketed, hard usage cable (S-type), with a diameter from .65 to 1.20 inches, (10-4 AWG). Three-wire devices require a three conductor cable, and four-wire devices require a four conductor cable.

3. Remove the housing by loosening the two screws on the face of the device, and slide it over the cable. If a weather resistant boot is used, slide this over the cable before the housing. Strip the cable as shown below (See reverse side for 125/250 volt devices).
   Make sure the wire is clean and a bright copper color. If necessary, cut back the wire until clean wire is uncovered. **Do not solder the ends of the wires.**



4. Insert all the wires into the proper terminal pockets. The green wire must go into the green colored terminal (also marked "G"). The white wire must go into the white colored terminal (also marked "W") on those devices where there is a white terminal. The black and red (on 4-wire cables) wires can go into the terminals marked "X", "Y", or "Z".

   On 4-wire devices rated 125/250 volt, note the green and white terminals are next to each other. It may be necessary to cross the green wire with either the black or the red wire (See diagram on the reverse side).

5. Tighten the terminal screws to 25 in-lbs torque. Make certain there is no wire insulation clamped inside any terminal and there are no stray wire strands outside the terminals.

6. By alternating between the two screws, tighten the strain relief screws to 14 in.-lbs. torque so the strain relief is even and securely grips the cable jacket.

7. Slide the housing over the plug or connector body and tighten the two assembly screws. Note: A keyway in the housing and body properly aligns the two parts.

8. If a weather resistant boot is used, slide that over the complete assembly.

MARINCO

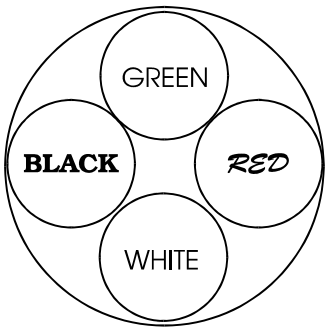
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WIRING 125/250 VOLT DEVICES

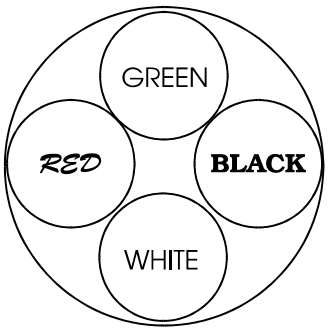
--See reverse side for complete wiring instructions—

1. Strip the jacket from the proper end for the cable.

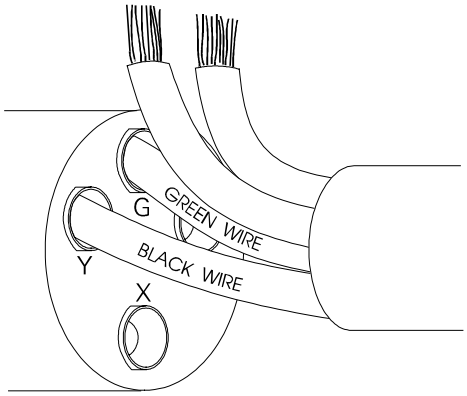
Cable end for the **PLUG:**



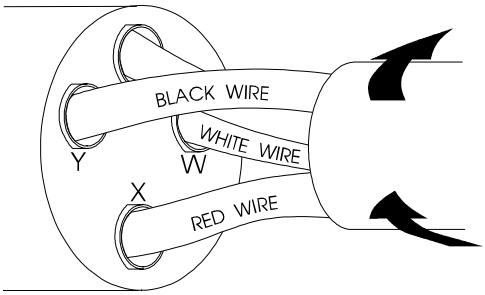
Cable end for the **CONNECTOR:**



2. Insert the black and green wires into the "Y" and "G" terminals, and tighten the two terminal screws. **Note:** The drawing shows the plug. The "Y" terminal is on the other side on the connector.



3. Twist the cable as shown and insert the red and white wires into the "X" and "W" terminals.



4. Tighten all the terminal screws to 25 in-lbs torque.