

## Mounting Instructions – Contoured Inlet – 304EL-B

Hull Inlets – 30 Amp, 125 Volt

### **WARNING**

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

1. Cut opening in hull using 2-3/4" diameter hole saw.
2. Place inlet in opening – mark and drill mounting holes using 1/8" drill.
3. Pull 10 AWG internal wiring through opening.
4. Slide gasket rearward along wire.
5. Insert wire through strain relief on rear enclosure – leave clamp loose.
6. Back off terminal screws.
7. Strip conductors 1/2". **Make sure the wire strands are clean and are not corroded.** If necessary, cut back the wire until clean wire is uncovered. Do not solder the ends of the wire. Insert wires and tighten terminal screws to 14-20 in.-lbs. torque. Make certain there is no wire insulation under any terminal.
  - Note: Terminals are color coded to match the wire.
    - Green – Equipment ground
    - White – Neutral
    - Black – Load (125 Volt)
8. Position rear enclosure against inlet, tighten strain relief clamp screw and secure rear enclosure to the inlet with the center screw.
9. Position gasket and mount inlet with #8 pan head screws.

- Note: (1) The installation of hull power inlets by boat builders requires compliance with the Federal Regulations covering Electrical Systems, 33CFR 183, Subpart 1, as well as the standards of the National Fire Protection Assn., NFPA 302, Chapter 8, and the American Boat and Yacht Council's *Standards and Recommended Practices for Small Craft*, Project E-8.
- (2) All power inlets covered by this instruction are equipped with compression screw terminals, which are suitable for use with stranded wire complying with Paragraph 183.425(a) of 33CFR Part 183.
- (3) This inlet is provided with a rear safety enclosure, which provides integral strain relief and protection of energized terminals. No additional enclosure is required.

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