

# Hubbell Elastogrip Watertight Plug & Connectors

## Installation Instruction

English

**NOTICE:** For installation by a qualified electrician in accordance with National and Local electrical codes and the following instructions.

**CAUTION: RISK OF ELECTRIC SHOCK.** Disconnect power before installing. Never wire energized electrical components.

**CAUTION: USE COPPER CONDUCTORS ONLY.**

### A. General Information

1. Check rating of device to make sure device is suitable for the application.
2. Terminal capacity #18 AWG to #12 AWG conductor.
3. Wire with round cord types S & SJ, .300 inch (7.5 mm) to .655 inch (16.4 mm) diameter.
4. Select proper conductor size in accordance with Table 400-5 of the National Electrical Code or Table 12 of the Canadian Electrical Code.
5. Use stranded conductors only.
6. Select cord end with proper conductor color orientation that matches terminal location.
7. Select "Gotcha" ring and grommet for cord used.

| Cord                         | "Gotcha" Ring | Grommet |
|------------------------------|---------------|---------|
| 18/3SJ, 16/3SJ               | White         | Gray    |
| 18/3S, 16/3S, 14/3SJ, 12/3SJ | Blue          | Gray    |
| 14/3S, 12/3S                 | Brown         | Black   |

### B. Wiring Instruction

1. Slide closure plug over housing (for HBL15W47, HBL25W47 only), slide clamp nut, "Gotcha" ring (bevel facing clamp nut), grommet and housing over cord. As shown at bottom right.
2. Strip outer jacket of cord and individual wiring using strip gage embossed on wiring chamber.
3. Twist wire strands together on each conductor. **DO NOT TIN CONDUCTORS.**
4. Loosen terminal screw fully and insert conductors into proper terminals per terminal identification as shown in Table 1. **TAKE EXTRA CAUTION THERE ARE NO LOOSE WIRE STRANDS.**

| Terminal Identification | Use For                                   |
|-------------------------|---|
| Green, G                | Equipment Grounding Conductor             |
| White, W                | Grounded Circuit Conductor (Neutral)      |
| Unidentified            | Ungrounded Circuit Conductors (Line, Hot) |

5. Tighten terminal screws to 10-12lb.-in (1.2 - 1.4 Nm) of Torque.
6. Insert body into housing in any of the three positions and tighten assembly screws.
7. Slide clamp nut, ring, grommet and housing together and tighten nut securely.

#### Connector Assy (HBL15W47 shown)

