BP49 & BP59 PLUG
TO BE USED WITH CROUSE-HINDS FSQC230 Series
Installation & Maintenance Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

DISASSEMBLY PROCEDURES
1. Hold plug (1) with contacts (2) & (5) facing you and with tension lock screw (3) pointed upward. With a screwdriver loosen tension lock screw.
2. Remove insert and contact subassembly (4) from front of plug shell (1). Pull and rotate clockwise
3. Remove CF Lock screw (16) and remove metal outer sleeve (17) from plastic subassembly (4).
4. Using small pliers disassemble cotter pins (11) on the sides of contacts (2) & (5). Note: Use care when bending cotter pins.

ASSEMBLY PROCEDURES
1. Slide cable clamp (6), rubber grommet retaining ring (7), rubber grommet (8) of appropriate size, (using one that fits snugly on cable), and plug shell (1) over cable.
2. Strip cable sheath 2 inches.
3. Strip three power lead conductor sheaths 1/2 inch.
4. Cut 1/2 inch from grounding lead and strip it 1/2 inch.
5. Solder three power leads into solder well(s) (9) in rear part of contact (2). Use care to prevent excess solder from getting on contact surface and hardening. This may prevent clearance into respective contact silo recesses (10).
6. Insert solder terminations into appropriate recesses, as follows: (see Figure 2)
   A. Nickel-plated contacts into well “N”
   B. Brass contacts into contact wells marked A and/or B respectively.
   C. Terminate ground lead in pressure lug well and tighten screw securely. “GR”
   D. Re-assemble metal outer sleeve (17) into plastic.
7. Place cotter pin (11) through each male contact (2) & (5). Bend over end of cotter pin. Note that nickel plated contact is engaged in insert recess “N”. Note: Use care when bending cotter pin.
8. Install wired insulator assembly(4) into plug shell noting locking tab (15) to be engaged in side of plug casting. Turn sleeve counter clockwise until polarizing rivet engages within notch (12). Must engage polarizing inside plug shell. Push subassembly in until it is seated.
9. Seat contact subassembly (4) and tighten down tension lock screw (3) into undercut of plug sleeve (1). Tighten tension locking screw (3) to 20-25 in./lbs.
10. Slide rubber grommet (8), retaining ring (7) and cable clamp (6) towards plug. Tighten cable clamp (6) securely. Push inward on cable and tighten two cable clamp screws (13) securely. Tighten cable nut locking screw (14) securely.

MAINTENANCE RECOMMENDATIONS
A preventative maintenance program should be set up for BP Plugs. Plug contacts, plug bodies, and cable clamps should be inspected before each use for signs of damage or over heating.

WARNING
If signs of these conditions exist DO NOT USE the plug. Replace it immediately to prevent property damage and/or possible personal injury.

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Crouse-Hinds “Terms and Conditions of Sale”, and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.