

Installation Instructions

276BWP/ M276BWP

CONTENTS: *Bushing Well Plug, Lubricant, Installation Instructions*

The 276BWP is designed for insulating and watersealing an ELASTIMOLD 200A bushing well interface 15kV class (8.3kV phase-to-ground/14.4kV phase-to-phase), 25kV class (15.2kV phase-to-ground/26.3 phase-to-phase) and the M276BWP 35kV class (21.1kV phase-to-ground and 36.6kV phase-to-phase).

DANGER

All apparatus must be de-energized during installation or removal of part(s). For loadbreak products follow operating instructions. All deadbreak connectors must be de-energized before operating. All 200A deadbreak connectors must be mechanically secured with bails when connected.

All apparatus must be installed and operated in accordance with individual user, local, and national work rules. These instructions do not attempt to provide for every possible contingency.

Do not touch or move energized products.

Excess distortion of the assembled product may result in its failure.

FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD OFFICE.

Inspect parts for damage, rating and compatibility with mating parts.

This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices.

Failure to follow these instructions will result in damage to the product and serious or fatal injury.

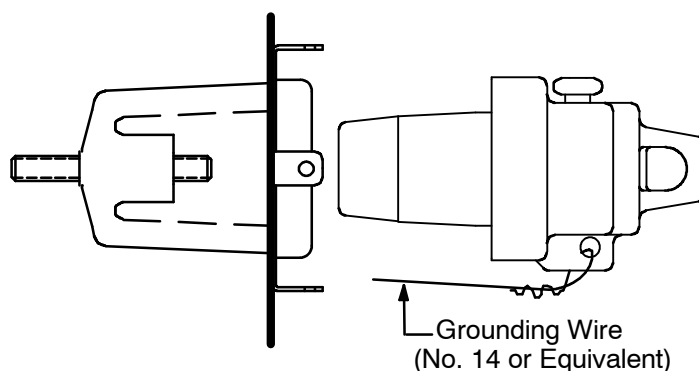
If this product is supplied with a protective shipping cover(s), remove this shipping cover(s) and replace with the appropriate HV insulated cap(s) or connector(s) before submerging or energizing the circuit.

IMPORTANT

1. Check contents of package to ensure they are complete and undamaged.
2. Check all components to ensure proper fit with cable and/or mating products.
3. Read entire installation instructions before starting.
4. Have all required tools at hand and maintain cleanliness throughout the procedure.

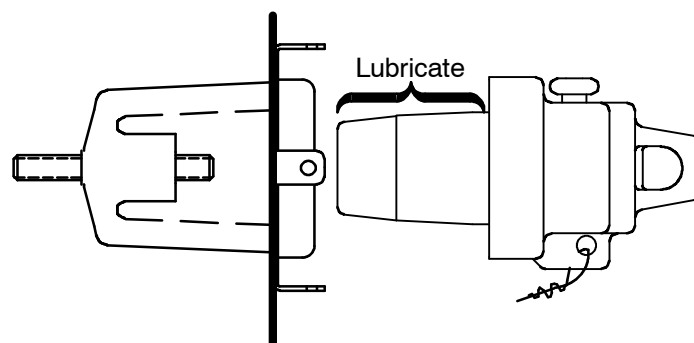
STEP 1 GROUNDING

Securely connect electrostatic grounding wire (No.14 Copper or equivalent) to the grounding eye of the bushing well plug.



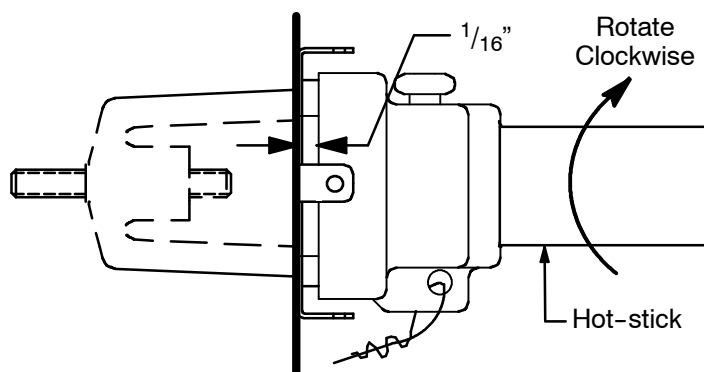
STEP 2 INSTALLATION

Lubricate external mating surface of bushing well plug with silicone lubricant provided. DO NOT SUBSTITUTE. Keep mating surfaces free of dirt and grime.



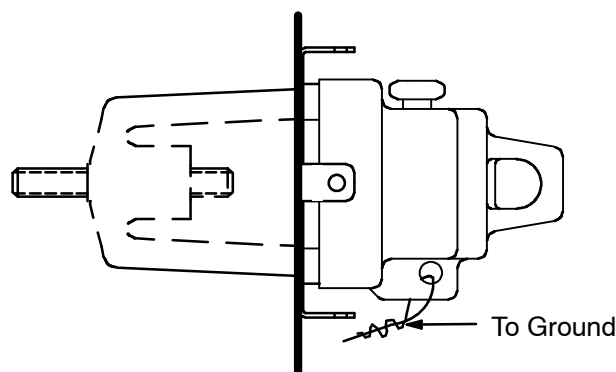
STEP 3

Firmly attach hot-stick to the bushing well plug hot-stick eye. Insert into the bushing well and rotate clockwise until tight. Conductive flange should be within $\frac{1}{16}$ " of bushing well metal flange.



STEP 4

Connect the electrostatic grounding wire to the system ground, using a suitable connector.



STEP 5 REMOVAL

DANGER: ALL ASSOCIATED APPARATUS MUST BE DE-ENERGIZED DURING REMOVAL.

Disconnect and remove the electrostatic grounding wire. Attach hot-stick to the bushing well plug hot-stick eye and rotate counter-clockwise until free. Promptly cap bushing well or install other component.

The ELASTIMOLD loadbreak elbow connector is equipped with an integral capacitance test point that can be used to establish whether or not the circuit is energized. When using the test point, complete the following steps:

1. Remove test point cap with a hotstick. When removing cap, PEEL OFF AT AN ANGLE rather than pulling directly in line with the test point assembly.
2. **WARNING:** THE VOLTAGE TEST POINT IS A CAPACITANCE DEVICE, IT IS NOT DIRECTLY CONNECTED TO THE CONDUCTOR. Do not use conventional voltage measuring equipment. Follow the manufacturer's directions for the meter that is used. Test with a suitable sensing device, made for use with separable connectors manufactured with capacitive test points, to determine if cable is energized. Contamination, moisture, dirt, etc. around the test point or use of the wrong measuring equipment can provide a false "no voltage" indication on an energized elbow. To prevent serious or fatal injury treat the elbow as energized until the "no voltage" test point indication is confirmed by other means.
3. After voltage detection has been made, clean and lubricate the inside surface of the cap with silicone grease and replace it on the test point.

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