



## CIRCUIT BREAKER ON SUBMERSIBLE BRACKET MOUNTING INSTALLATION MANUAL

T-13 | T-14 | T-15 - THREE PHASE

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**INTRODUCTION:** The assemblies are shipped with the circuit breakers permanently attached to the bracket. All necessary hardware and signal light, if required, are included in the box. The parts of each assembly, which must be disassembled prior to installation in the transformer, are loosely attached in their final position. The threaded operating rod has been adjusted for proper breaker operation and is held in position with Loctite thread-locking compound to insure that no shifting takes place during shipping.

### PREPARATION FOR INSTALLATION

- 1. Note the direction the emergency control wire is installed into the emergency overload lever. Note the position of the cable in the holder. Spread the tabs on the holder so that the cable can be removed and the emergency control wire removed from the emergency lever.
- 2. Remove the cotter pint from the operating shaft and operating rod.
- 3. Remove the nut from the operating detail bearing.
- 4. Lift the operating detail assembly and rotate the operating shift so that it moves through the bracket notches and then can be removed from the bracket.

### INSTALLATION IN TRANSFORMER LID

- 5. Place the bracket, with the breaker attached, up against the tank lid.
- 6. Align the hole and slot in the bracket with the hole in the metal lid.
- 7. Check to see that the gasket is in the gasket groove on the operating lid. Insert the operating detail through the hole in the lid and the hole in the bracket. Slide the nut over the operating shaft and the shaft through the shaft support bracket.
- 8. Install the nut and position the bracket in the correct orientation for securing the other end of the bracket. Torque the operating detail nut to specification (200 to 250 in-lb. torque).
- 9. Secure the other end of the bracket to the lid by bolting or welding in position.
- 10. Attach the threaded operating rod to the arm on the operating detail shaft with the supplied cotter pin. Make sure the operating rod is the bottom side of the operating detail shaft. Secure the cotter pin.
- 11. Replace the emergency wire into the emergency overload lever in the same manner as it was originally. Slide the emergency cable back into the slotted bracket and locate it in the original position and squeeze the tabs together until the cable is secure. (Moving the outside emergency control handle must result in the lever on the breaker moving from stop to stop.)
- 12. Install the meter seal.
- 13. Move the main handle and check that the breaker will reset, open and close.

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FOR MORE INFORMATION VISIT [ermco-eci.com](http://ermco-eci.com)

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