

Breaker current sensor and rating plug replacement kit

⚠ WARNING

DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE ENERGIZED. BREAKER MUST REMAIN IN THE "OPEN" AND "DISCHARGED" CONDITION DURING THE INSTALLATION OF THIS ACCESSORY KIT. DEATH OR SEVERE PERSONAL INJURY CAN RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT. ALWAYS VERIFY THAT NO VOLTAGE IS PRESENT BEFORE PROCEEDING. MANUFACTURER/SUPPLIER ASSUMES NO RESPONSIBILITY FOR DAMAGE DONE TO CIRCUIT BREAKERS OR OTHER EQUIPMENT DURING FIELD INSTALLATION OF ANY ACCESSORY.

Section 1: General information

Required tools

- Phillips head screwdriver (#2 recommended)
- Slot head screwdriver

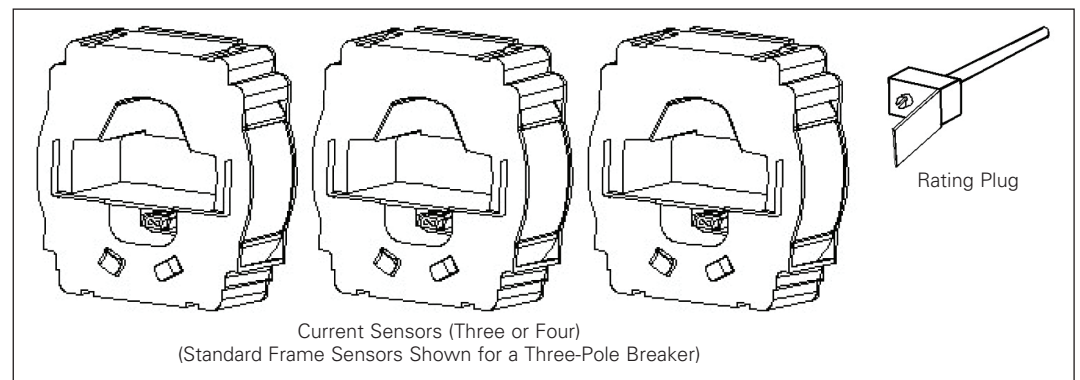


Figure 1. Contents of Kit

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Section 2: Installation

Step 1: Remove current sensor door. Unscrew the #10 x 5/8-inch long self-threading screws (seven in a three-pole breaker; nine in a four-pole breaker).

Step 2: Remove existing sensors (if equipped). Remove and unplug them from the connected wiring.

Step 3: Install new sensors. Plug new sensors (one required per pole) to existing plug connector. Slide connected sensor into housing as shown in **Figure 3** while feeding wiring into cavity below load conductor terminals.

Step 4: Reinstall current sensor door. Locate door back in place of breaker and carefully insert screws into the existing cut threads.

Step 5: Remove trip unit cover. Remove cover by loosening two screws.

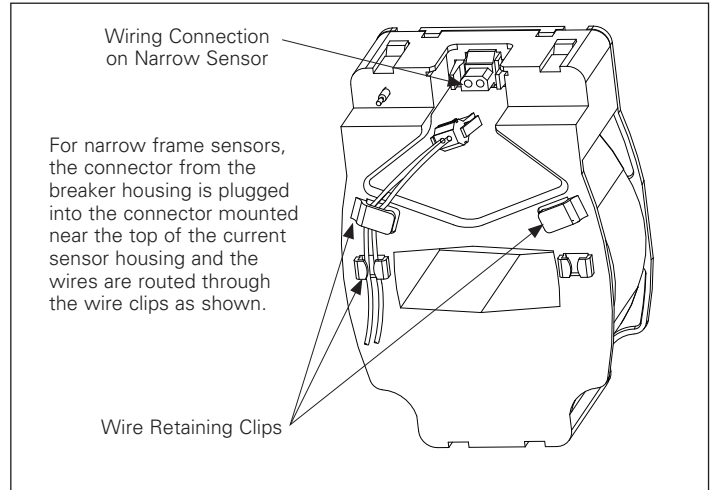


Figure 2. Narrow Frame Sensor Installation

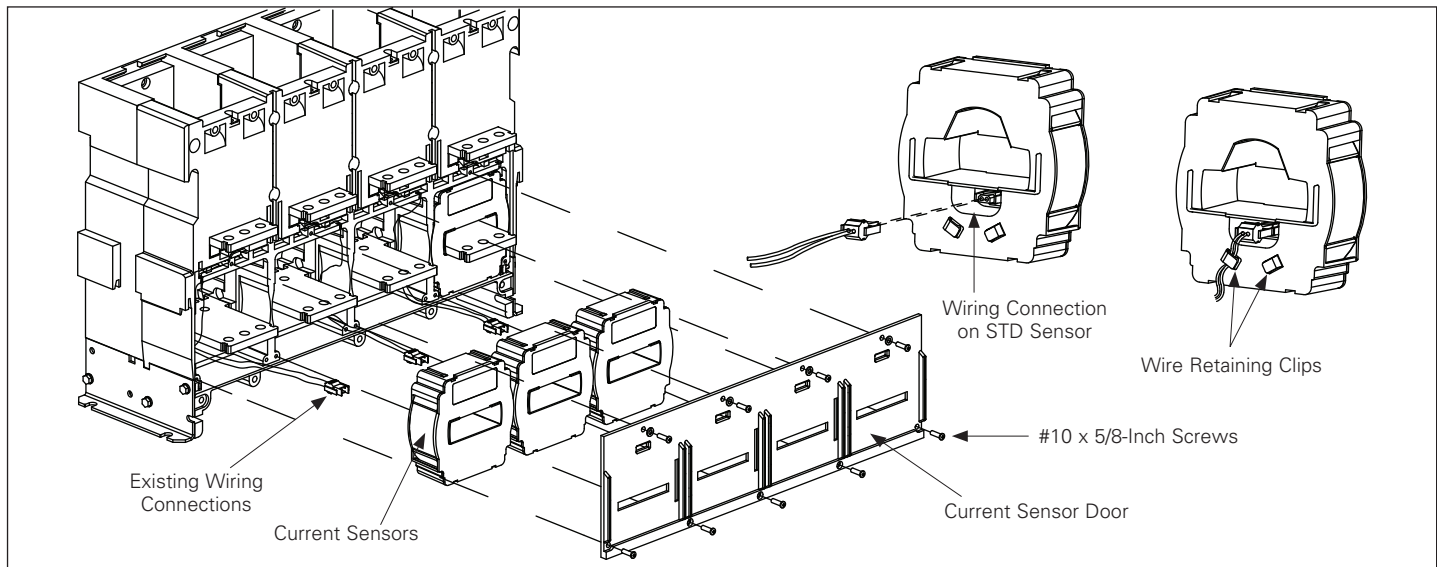


Figure 3. Step 3

Step 6: Remove existing rating plug. If trip unit is already equipped with a rating plug, remove it by opening the rating plug hinged door and unscrewing the slotted screw located behind the door. Now gently pull the rating plug straight out.

Step 7: Insert new rating plug. Carefully insert new rating plug into the rating plug location in the trip unit, open the hinged door, and screw lightly into place (torque should be no more than 17 in lbs or 2nM.)

Step 8: Reinstall trip unit cover.

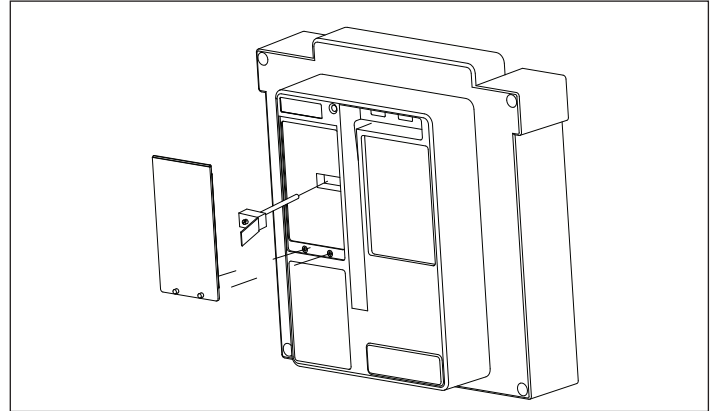


Figure 4. Step 6

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