



# Bell Alarm Switch Accessory

## For Types TJJ, TJK, THJK, TJS, TJSS, TJR, THJR, TB4

**NOTE:** UL listing is voided when the circuit breaker is modified to add an accessory. UL label must be destroyed.

Breaker Type	Bell Alarm Kit Cat. No.	Max. Volts	Max. Amperes
J 600 Line	TJKBAAL	240 VAC	5A

### DESCRIPTION

The bell alarm device contains a single pole, double-throw switch which is actuated by the breaker trigger. Thus, only when the breaker is tripped due to over current condition, will this switch function and either close or open a circuit as desired. *For center pole mounting only.*

### INSTALLATION

**WARNING:** The circuit breaker must be completely de-energized and disconnected from the circuit when accessories are installed.

1. Remove the circuit breaker cover (Figure 2).
2. With the breaker *tripped*, hold the handle as far as possible toward ON and install the breaker mounting bracket on the *right-hand* breaker mechanism frame (Figure 3).

### KIT

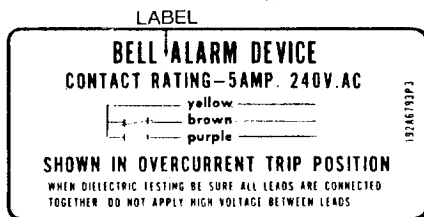
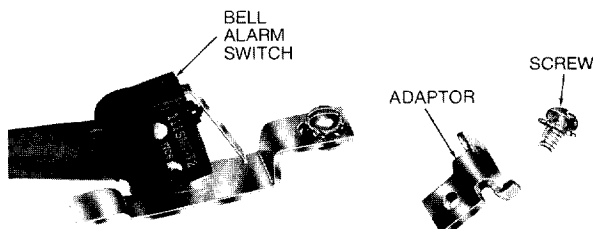


Figure 1

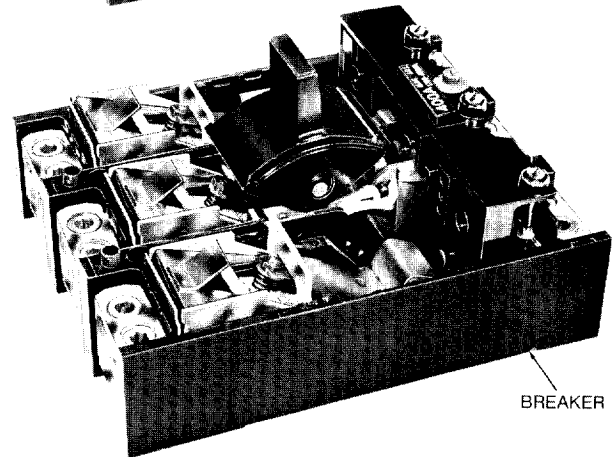
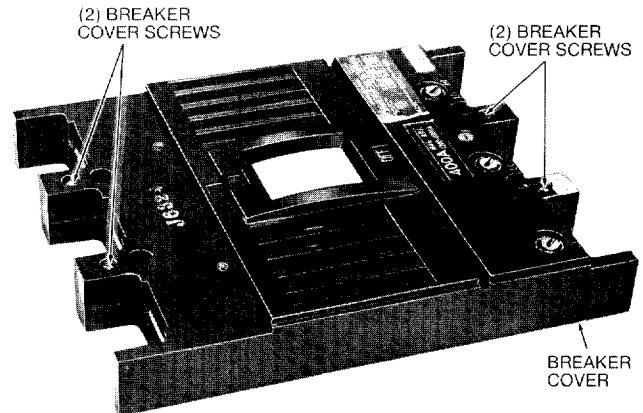


Figure 2

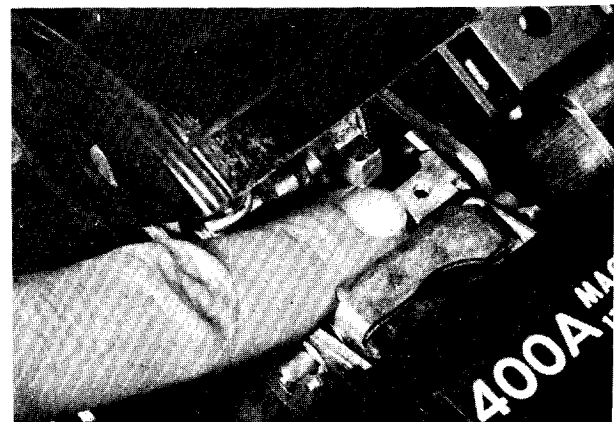


Figure 3

3. Hold the breaker handle toward ON (*breaker tripped*), and insert the bell alarm tab into the slot of the breaker mechanism frame (Figure 4).
4. Hold the breaker handle toward ON and start the screw in the bell alarm switch base into the tapped hole in the mounting bracket. DO NOT TIGHTEN SCREW.
5. Reset the breaker, and move handle to ON.
6. Use a screwdriver to slide the bell alarm switch against the breaker trigger, until the switch actuator is depressed to within 1/64 to 1/16 inch of the switch body (Figure 5). Tighten the screw.
7. Leads can be brought out through the left side of the breaker. File lead-out slots in the left side of the breaker cover approximately 3½ inches from the load end of the breaker. (Figure 6)
8. Bring bell alarm switch leads over latch pin through the lead-out slots. Be careful to avoid wedging leads in the breaker mechanism.
9. Trip the breaker, using "twist-to-trip" button.
10. Replace the breaker cover, taking care that strain relief ties or discs are placed one on each side of hole in cover. Proceed with electrical-mechanical check.

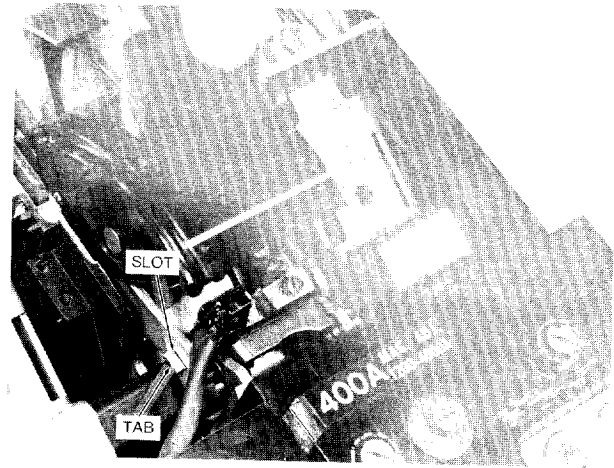


Figure 4

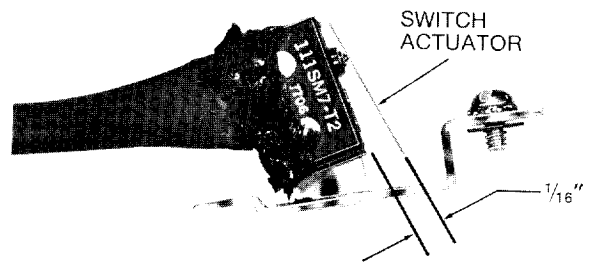


Figure 5

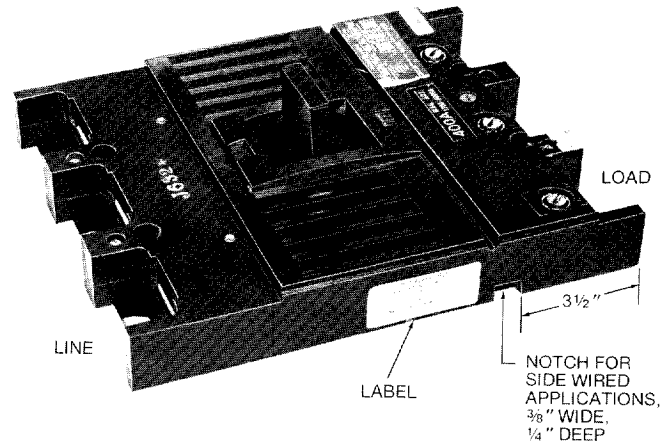
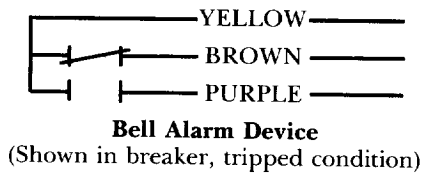


Figure 6

## ELECTRO-MECHANICAL TESTS

With breaker still in the tripped position, circuit between accessory leads colored YELLOW and BROWN should be CLOSED, and between YELLOW and PURPLE should be OPEN. If it is not, check to see that switch actuator has been sufficiently depressed. If not, correct as follows:

- a. Reset breaker mechanism.
- b. Readjust switch per step 6.
- c. Trip breaker to check adjustment.



These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the GE Company.



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