

GEH4576 INSTALLATION INSTRUCTIONS

Bell Alarm Switch Accessory For Types TED, THED

Description

Provides remote circuit breaker trip indication using a single pole double throw switch actuated by the breaker mechanism.

NOTE: Bell alarm cannot be installed in left pole of circuit breaker models earlier than Jan 1, 1979 (date code D901*). Refer to factory if in doubt.

Installation



CAUTION: The breaker must be completely de energized and disconnected from the electrical circuit, when the bell alarm is being installed. This is mandatory because the breaker must be in the ON position while the accessory is being installed.

1. Place the breaker in a TRIPPED position (handle at midpoint) by rotating trip button.
2. Remove cover mounting screws (4) and handle (Figure 2).

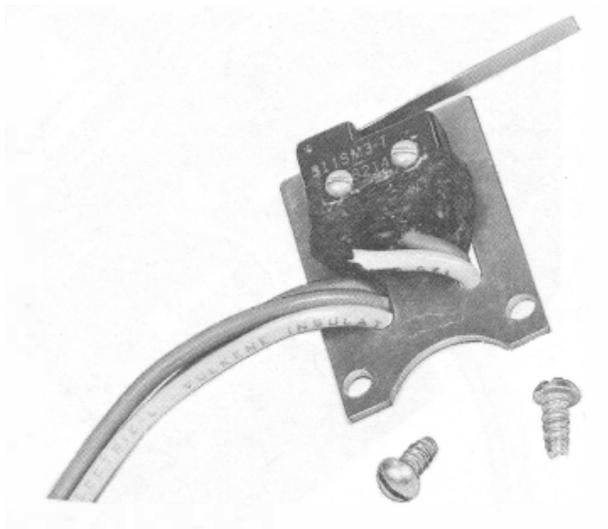


Figure 1

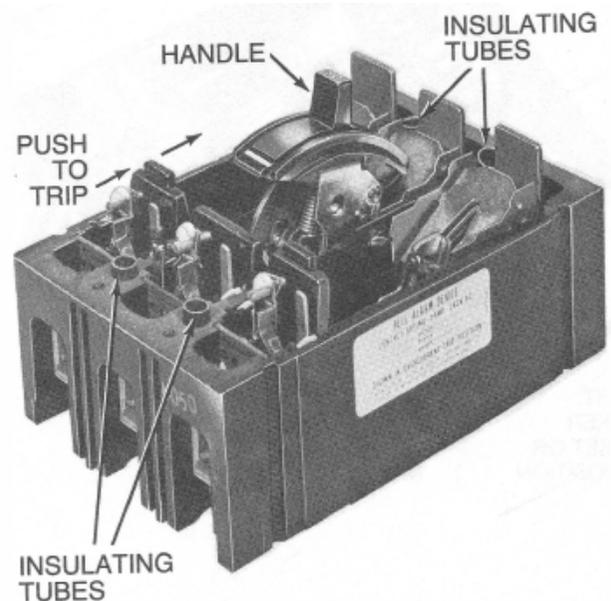
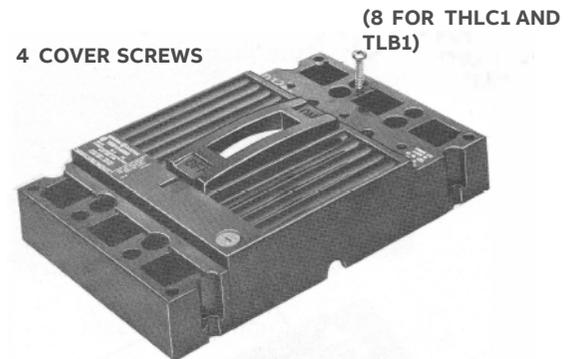


Figure 2

3. Note position of accessory mounting holes. (Figure 3).
4. Install accessory as shown (Figure 4).
5. Adjust switch lever so that it actuates switch within dimension shown with circuit breaker in reset position. Trip the breaker by pushing trip bar forward. Switch should actuate. If not, readjust.(Figure 4).
6. Make two notches in cover, one for lever clearance, and one for lead exit as shown in Figure 5. Affix identification label.
7. Replace handle and breaker cover, taking care not to pinch wires or switch lever between cover and case.
8. Check continuity of bell alarm switch as shown in Figure 6. Repeat Step 5 if necessary.

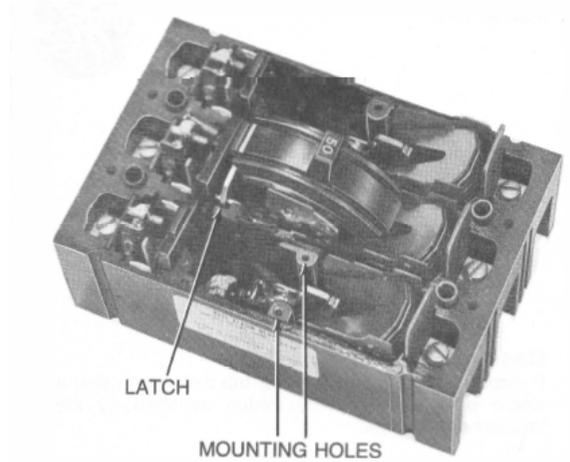
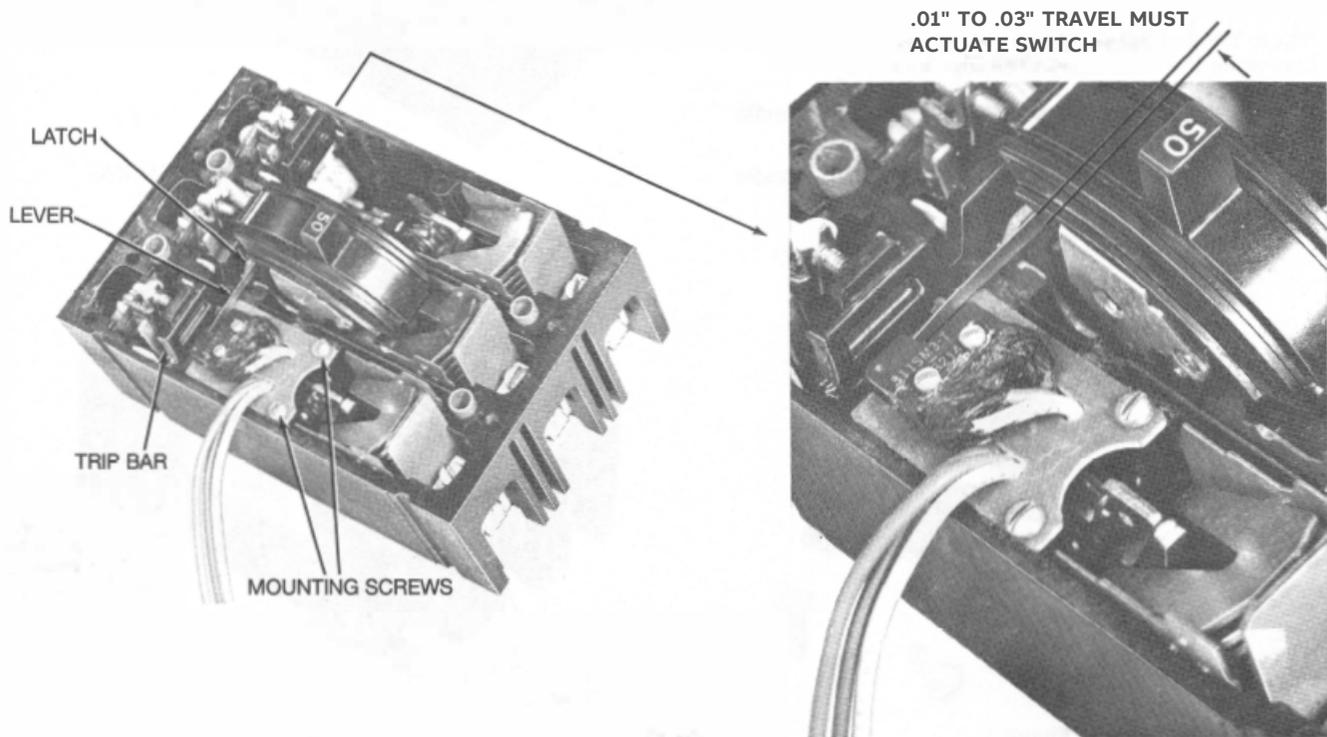


Figure 3



**CIRCUIT
BREAKER
IN RESET OR
OFF POSITION**

Figure 4

BREAKER TYPE	"A"	"B"
TED, THED, TEC, TB1	2.90	1.31
THLC1, TLB1	3.12	2.00

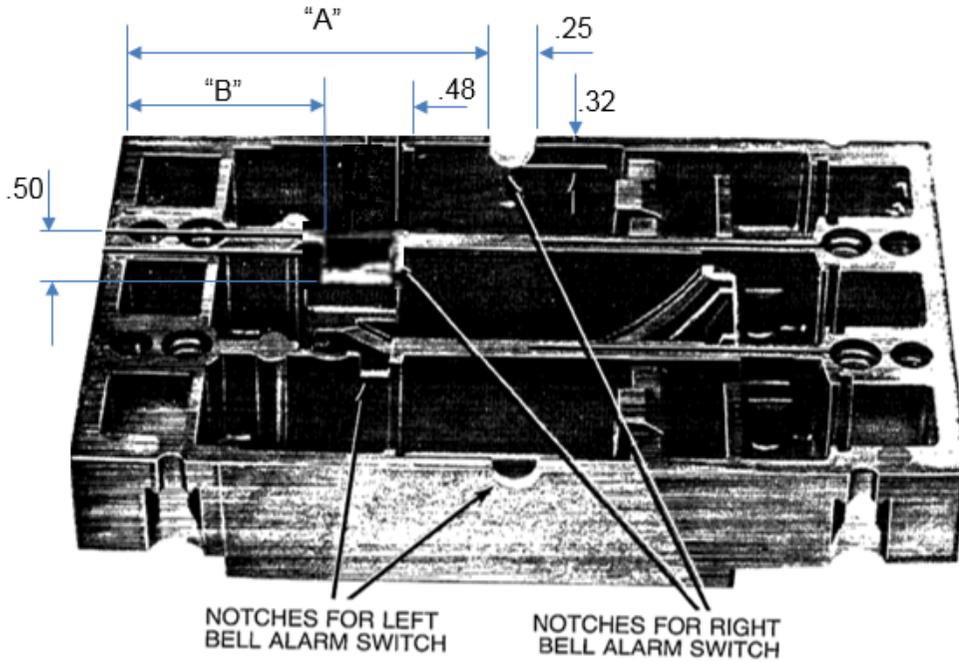


Figure 5

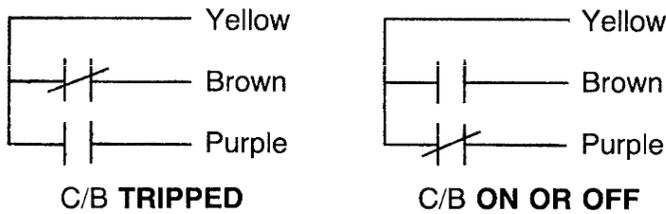


Figure 6

NOTE: UL listing is voided when the circuit breaker is modified to add an accessory.

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 ABB Company.