

Instructions  
for field  
installable  
accessories.

Tools required:

- Screw Driver
- Pliers
- Round File



# Bell Alarm Switch

For F225 Frame (TFC, TFJ, TFK, THFK) and Breaker Types THLC2, TLB2, THLC4, TLB4

## BELL ALARM SWITCH

(Yellow, Brown and Purple Wires)

Provides remote indication of circuit breaker tripping, but remains unchanged during on and off C/B operation. SPDT switch element.

## INSTALLATION

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

1. Place the breaker in a tripped position. (Handle at mid point.)
2. Remove (4) breaker cover mounting screws. (Fig. 2). (8 screws for THLC and TLB breakers)
3. Note position of locating notch in trip unit and latch. (Fig. 3).
4. Refer to Figure 1 and break off arm as appropriate for the breaker type being used.  
**Be sure to break off correct arm.**  
Note correct mounting foot to be used.
5. Install accessory using locating notch for positioning. Insure that accessory lever rides on top of latch as shown. Push accessory into place and secure with mounting screw. (Fig. 4 for F225 line, Fig. 5 for THLC/TLB)

### NOTE

Accessories for installation in circuit breakers with code dates J101 + or later.

RIGHT POLE MOUNTING	SINGLE POLE DOUBLE THROW
Bell Alarm Switch Cat. No.	Switch Rating
TFKBAAR	5A-250VAC
	2.5A-28VDC

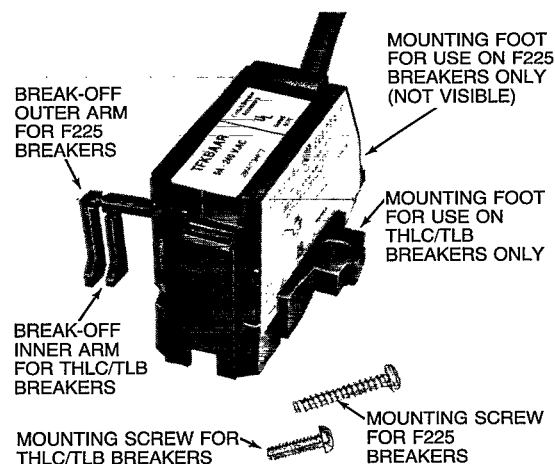


Figure 1

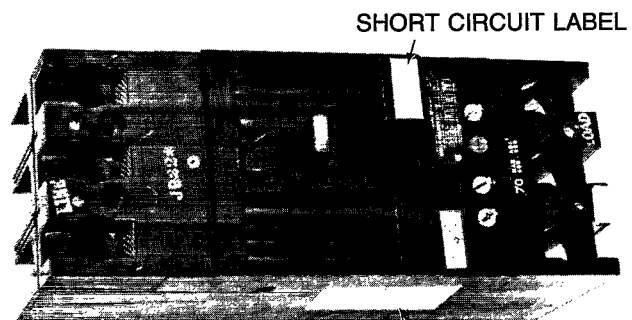


Figure 2

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6. Slot cover for lead exit. Remove breakout for lever clearance as shown. (Fig. 6 and 7). Make certain entire knockout is removed. (File recommended).
7. Replace cover, taking care that wire leads are not pinched between cover and case. Affix accessory rating label to side of C/B. Affix short circuit label on cover for F225 C/B. (Fig. 2).
8. Check bell alarm switch function by resetting circuit breaker, moving handle to "on" position. Use twist to trip button to test trip and bell alarm switch function. Switch changes state between the tripped position and the "on" or "off" position. Check continuity in both states for correct operation. (See Fig. 8.)

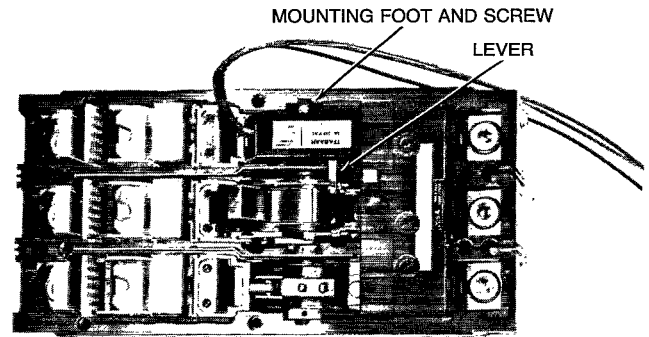


Figure 5 THLC/TLB Breaker types.

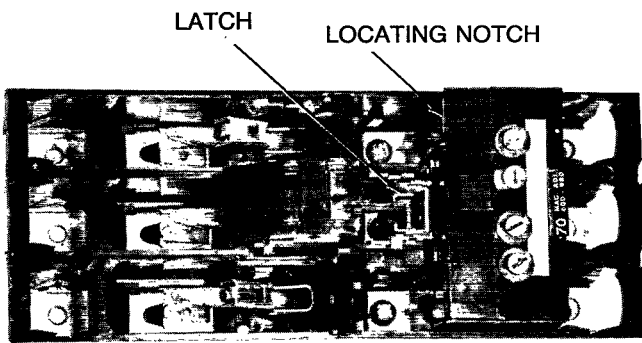


Figure 3

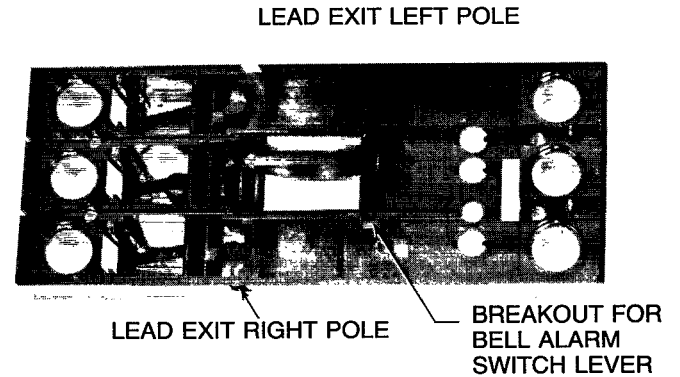


Figure 6

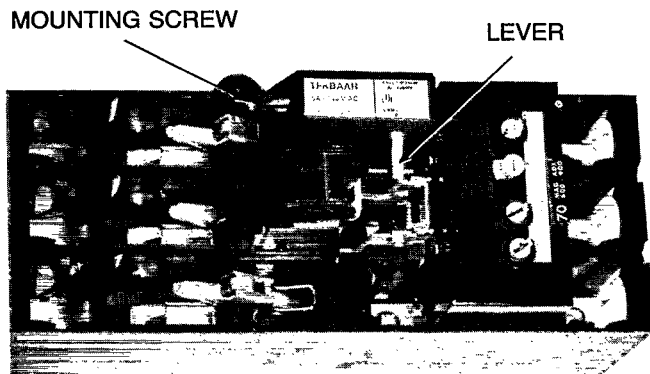


Figure 4

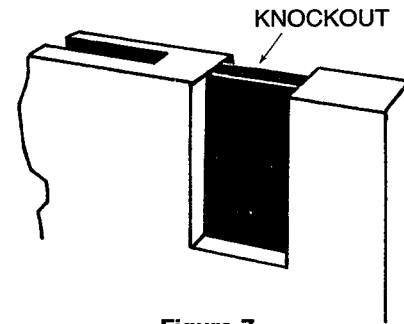


Figure 7

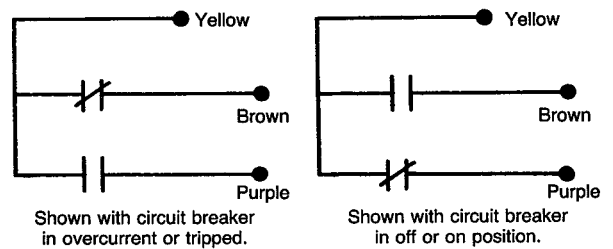


Figure 8

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*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 General Electric Company.*

For further information call or write your local General Electric Sales Office or . . .

General Electric Company  
41 Woodford Avenue  
Plainville, CT 06062 U.S.A.

Outside the U.S. write Construction Equipment Export Operation  
411 Theodore Fremd Ave., Rye, NY 10580  
GEH-4620D 0486 PSA

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