


Installation Instructions



⚠ DANGER

Hazardous voltage. Will cause death or serious injury
Turn off and lock out all power supplying this device before removing cover or device and while cover is removed.

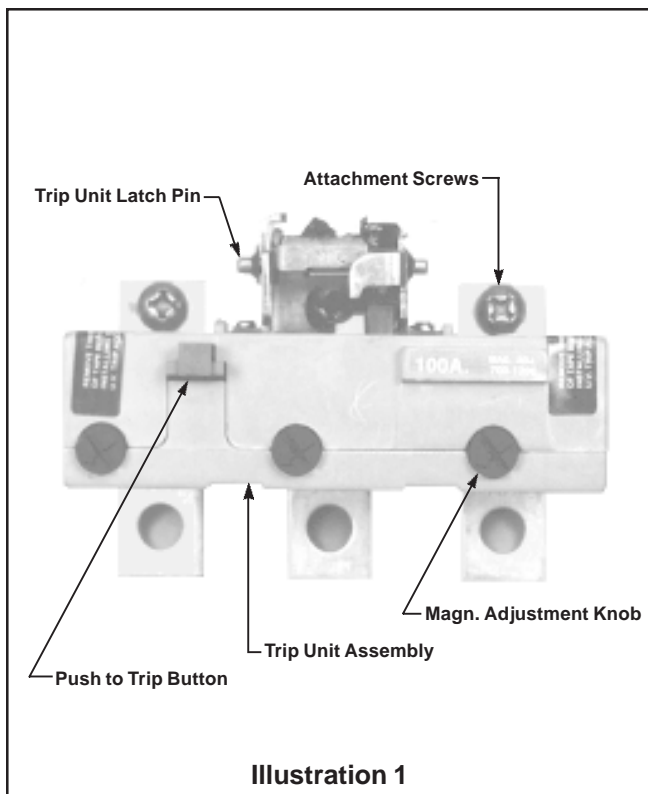
Replace the cover before power supplying this device is turned on.



SAFETY INSTRUCTIONS

NOTE: This instruction outlines the recommended installation procedure.

INTRODUCTION

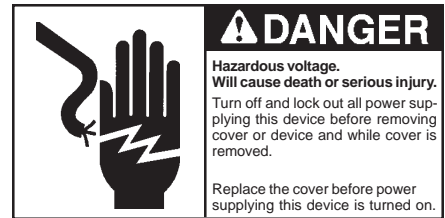


The FMK trip units are available in 70, 80, 90, 100, 125, 150, 175, 200, 225 and 250 ampere ratings.

FMK trip units, of any rating, can be installed in the FM6 or FMK frames. See breaker frame label or consult Siemens Energy and Automation Inc. Sales Office for complete catalog number information.

MOUNTING PROCEDURE FOR TRIP UNIT

1. Remove load cover from breaker frame (three 6-32 X 3/8 screws and two 6-32 X 1-1/4" screws).
2. Lower trip unit into place as shown in illustration. Trip unit latch pin must engage slots in mechanism frame. Handle may be removed to ease assembly.
3. Secure trip unit to frame. Tighten three 1/4-20 X 5/8" fillister head sems screws to 72 in. lbs.
4. Replace operating handle. Operating handle must be installed with word "ON" toward trip unit. NOTE: Make sure operating handle is seated squarely on metal handle arm and that spherical embossments engage holes on each side of operating handle.
5. Replace load cover. The three 6-32 X 3/8" screws must be installed toward the line side of the circuit breaker. The two 6-32 X 1-1/4" screws must be installed toward the load end. Tighten all load cover screws to 8 in. lbs.



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6. Check operation of circuit breaker. Reset breaker by moving handle toward load side of device until it latches. Then move handle in opposite direction until the breaker turns on. The handle will indicate "ON". Depress the "PUSH TO TRIP" button. The breaker should trip and the handle should move to a position between "ON" and "OFF".

NOTE: If the breaker does not operate as described, check all installation procedures and repeat step 6. (If the load cover is not properly secured, the breaker will not operate.)

7. Add load lugs or connecting straps per instructions furnished with these kits.

8. Attach rating label, supplied with the trip unit, to the recessed area on the top of the handle.

NOTE: Make sure rating label agrees with the ampere rating of the trip unit installed.

Apply the trip setting label, supplied with the trip unit, to the load side cover, making sure to align the holes in the label with the holes in the cover.

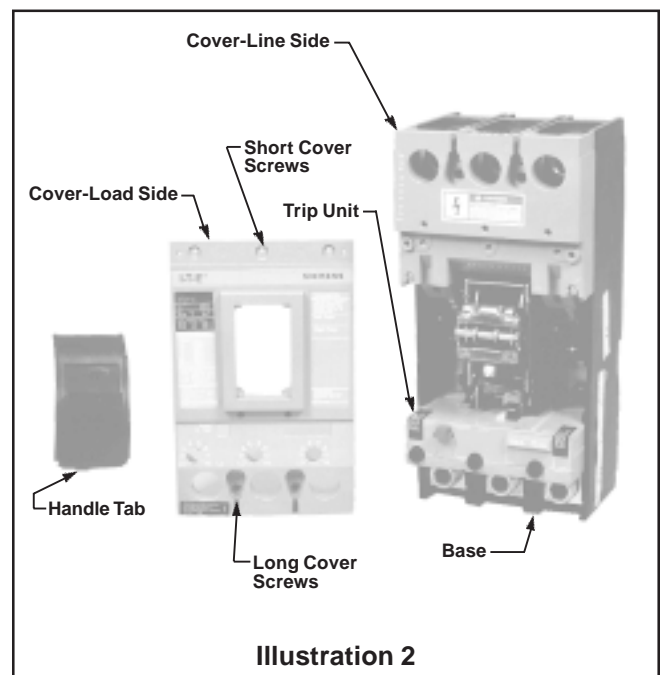
9. Move handle to reset position, handle will indicate "OFF". Circuit breaker is now ready for use.

2. Remove lugs or load side connection screws.

3. Remove trip unit (three 1/4-20 X 5/8" fillister head sems screws).

NOTE: These screw will remain captive with trip unit.

4. Add new trip unit as outlined in steps 2 thru 9 of "MOUNTING PROCEDURE FOR TRIP UNIT".



REPLACEMENT PROCEDURE FOR TRIP UNIT

NOTE: CIRCUIT BREAKER MUST BE IN TRIPPED POSITION BEFORE REMOVING COVER. TO TRIP THE BREAKER DEPRESS THE RED "PUSH TO TRIP BUTTON".

1. Remove cover from breaker (three 6-32 X 3/8" screws and two 6-32 X 1-1/4" screws).