



K1200 Line Circuit Breakers

Types TKM & THKM 2- or 3-Pole Frames with TKMA Trip Units

NOTE: Three-pole trip units are supplied for both two- and three-pole breaker frames. When installing a trip unit in a two-pole frame, do not connect the center conductors.

The 1200-ampere frame and trip units have catalog numbers TKM2, THKM2 or TKM3, THKM3, TKMA3, etc.

The 800-ampere frame and trip units have catalog numbers TKM8 and THKM8.

Each frame will only accept trip units designated for that particular frame size.

Trip Unit Installation

1. Unscrew the four breaker frame cover screws and remove the frame cover, handle shield, and shipping cotter pin from the mechanism, as illustrated in Figure 1.
2. Clean all bolted joints on both the trip unit and frame with a nonabrasive cleaner.
3. Place the mounting screws, lock washers, and flat washers in each of the three line-side conductor holes on the trip unit.
4. Push in and engage lever K, shown in Figure 2.
5. Push in and hold lever L, shown in Figure 2. Place the trip unit in the breaker, engaging hooks B with slots C.
6. Tighten the center mounting screw, then the others. *On a two-pole unit, do not use any mounting screw in the center pole.* Recheck that hooks B are engaged in slots C, then tighten the screws to 100 lb-in torque.
7. Push the breaker handle to the extreme OFF position, then engage trigger D with latch E. Push the breaker handle ON.
8. Trip the breaker by pushing button F. Reset and trip the breaker again.
9. Replace the handle shield, breaker frame cover, and cover screws.

Trip Unit Removal

1. Push the breaker handle to the OFF position. Be sure that the breaker is de-energized.
2. Remove the breaker frame cover and handle shield.

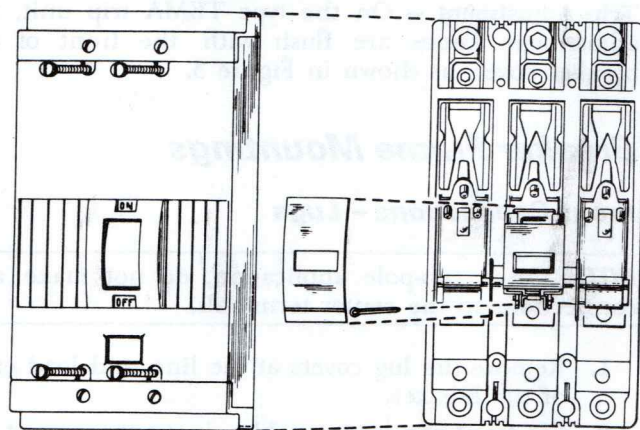


Figure 1. Removing the breaker front cover, handle shield, and cotter pin.

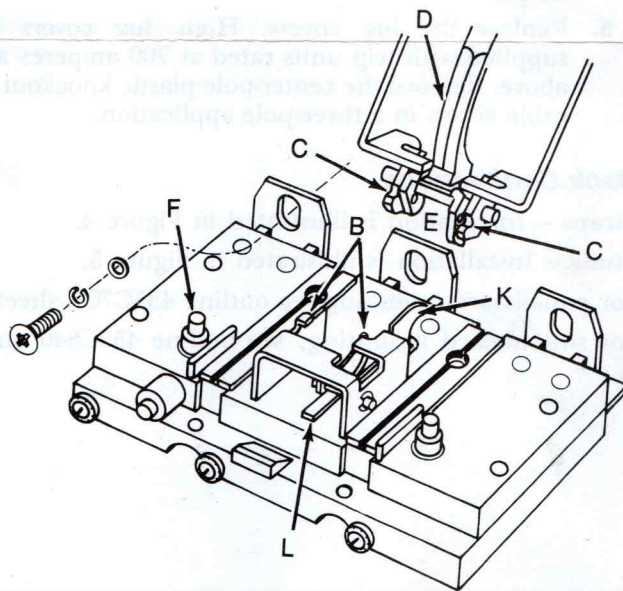


Figure 2. Trip unit installation.

3. Trip the breaker by pushing button F or lever L, shown in Figure 2.
4. Remove the load-side connections from the trip unit.
5. Unscrew the line-side connectors from the trip unit.
6. Push in and hold lever L. Disengage hooks B from slots C, the lift out the trip unit.