

Installation Instructions for EG-Frame 3-Wire Terminal Connector Kit w/3-Pole Terminal Shield, Catalog #3TA125E3



WARNING

DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. SEVERE PERSONAL INJURY, DEATH, OR SUBSTANTIAL PROPERTY DAMAGE CAN RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT. ALWAYS VERIFY THAT NO VOLTAGE IS PRESENT BEFORE PROCEEDING WITH THE TASK, AND ALWAYS FOLLOW GENERALLY ACCEPTED SAFETY PROCEDURES.

CUTLER-HAMMER IS NOT LIABLE FOR THE MISAPPLICATION OR MISINSTALLATION OF ITS PRODUCTS.

The user is cautioned to observe all recommendations, warnings, and cautions relating to the safety of personnel and equipment, as well as, all general and local health and safety laws, codes, and procedures.

The recommendations and information contained herein are based on Cutler-Hammer experience and judgement, but should not be considered to be all-inclusive or covering every application or circumstance which may arise. If any questions arise, contact Cutler-Hammer for further information or instructions.

1. INSTALLATION OF MULTI-WIRE TERMINAL CONNECTOR KIT (Fig. 1-1)

NOTE: For use on Cutler-Hammer EG CircuitBreakers, EG Molded Case Switches, and HMCPE Motor Circuit Protectors on the LOAD END.

1. Remove secondary cover (6 screws).
2. Remove existing connector and discard.
3. Place Multi-Wire Connector on top of breaker terminal.
4. Install mounting screw, lock washer, washer and nut. Torque to 35 in-lbs.
5. Repeat steps 2-4 for remaining poles.
6. Apply torque label to side of breaker.



CAUTION

THE PURPOSE OF THESE CONNECTORS IS TO DISTRIBUTE POWER TO MORE THAN ONE LOAD AND ARE TO BE INSTALLED ONLY ON THE "LOAD END" OF THE CIRCUIT BREAKER.



WARNING

CONDUCTORS SIZED FOR LOAD CURRENTS LOWER THAN THE CIRCUIT BREAKER RATING WILL NOT BE PROTECTED BY THE CIRCUIT BREAKER. EACH LOAD CONDUCTOR MUST BE PROTECTED BY AN INDIVIDUAL OVERCURRENT DEVICE, AND MEET ANY ADDITIONAL REQUIREMENTS OF THE NATIONAL ELECTRIC CODE.

Table 1-1 Wire strip lengths for connector hole locations

| HOLE POSITION | WIRE STRIP LENGTH |
|---------------|---------------------|
| Upper | 3/8 to 1/2 inch |
| Middle | 3/4 to 7/8 inch |
| Lower | 1 1/4 to 1 3/8 inch |

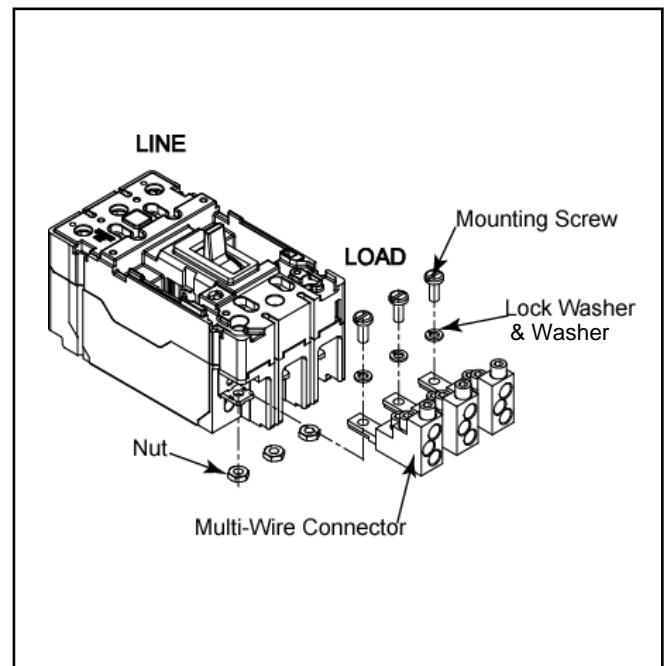


Fig. 1-1 Multi-Wire Connector Kit Installation Layout

INSTALLATION OF LOAD TERMINAL SHIELD SHIELD KIT (Fig. 2-1)

1. Slide the Terminal Shield down through the breaker slots while pulling bottom shield tabs outwards away from breaker.
2. Reinstall secondary cover (6 screws). Tighten to 10-13 in-lbs.
3. Use pliers to break off cover extension. Press cover extension into the secondary cover.

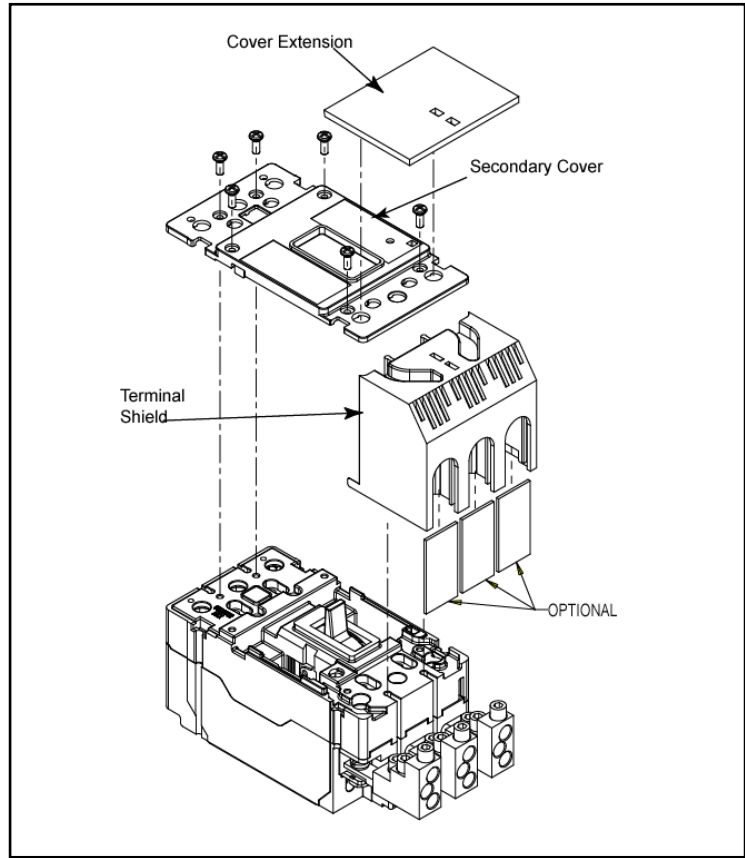


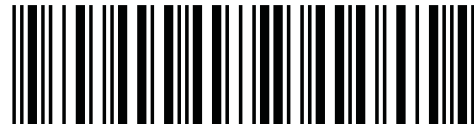
Fig. 2-1 Load Terminal Shield Kit installation layout

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EG 3-Wire Terminal Connector Kit

W/3-Pole Terminal Shield



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