

Cutler-Hammer Circuit Breakers Multi Wire Connector Kit Catalog No. 3TA250J3K

For use on Cutler-Hammer Series C J-Frame Circuit Breakers,
Molded Case Switches and Motor Circuit Protectors

DANGER:



DO NOT INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. DEATH, SEVERE PERSONAL INJURY (INCLUDING BURN), OR SUBSTANTIAL PROPERTY DAMAGE CAN RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT.

ALWAYS VERIFY THAT NO VOLTAGE IS PRESENT BEFORE PROCEEDING WITH THE TASK

Kit Contents	
3 – Molded Insulators	1 – Torque Label
3 – Wire Connectors	This Publication
3 – 1/4-20 Mounting Screws	
3 – 1/4 Inch Plug Nuts	

Wire Range #2 – #14 AWG (Maximum 3) Copper or Aluminum Wires

This kit is U.L. listed for field installation on the "LOAD END" of the above listed Circuit Breakers and Molded Case Switches.

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.

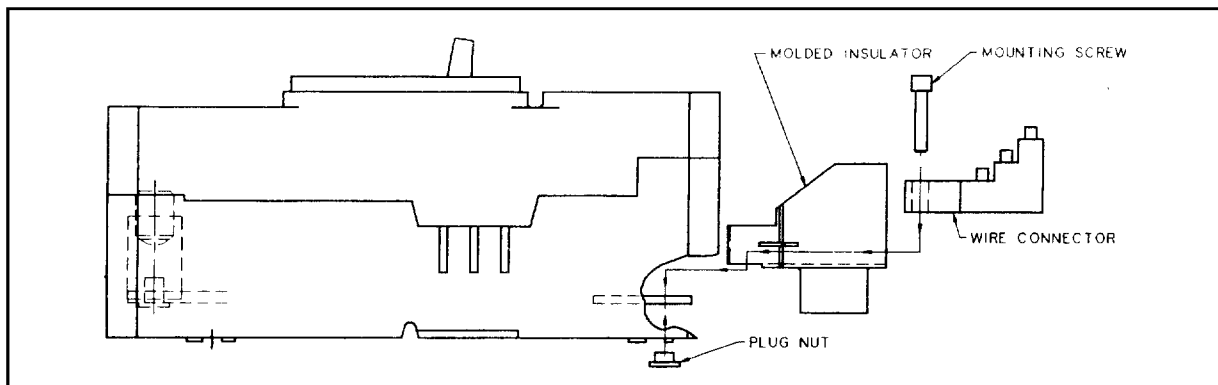


Figure 1. Typical J-Frame Circuit Breaker Installation

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 ELECTRICAL CODE.

The installation and use of Cutler Hammer, Inc. products should be in accordance with the provisions of the U.S. National Electrical Code and/or other government regulations, local codes or industry standards that are pertinent to the particular end use installation or use not in accordance with these codes and standards could be hazardous to personnel and/or equipment.

INSTALLATION INSTRUCTIONS

If circuit breaker is installed in equipment, it **MUST** be removed from equipment for installation of this kit. This kit is intended for use **ONLY** on the **LOAD END** of the circuit breaker. See Figure 1.

CAUTION: Supplied molded insulators **MUST** be installed to maintain electrical spacings.

1. Remove and discard existing **LOAD END** wire connectors from breaker.
2. Press plug nuts into circuit breaker terminals as shown in Figure 1. The flats on the plug nut are to be aligned with the straight sides of the terminal hole.
3. Place kit wire connector into molded insulator as shown in Figure 1.
4. Place molded insulator and wire connector on top of breaker terminal as shown in Figure 1.

CAUTION: Use only mounting screws provided with kit. **DO NOT** substitute or electrical spacings may not be met.

5. Install provided mounting screw as shown in Figure 1. Torque mounting screw to 50 Lb.-In.
6. Repeat steps 2 through 5 for the remaining poles.
7. Apply torque label to side of breaker.

The circuit breaker may be installed into equipment at this time.

FIELD WIRING:

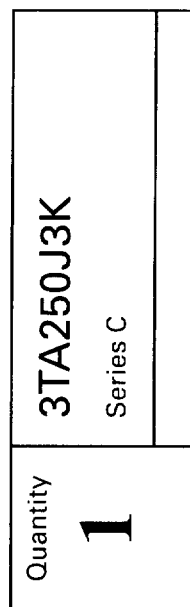
Note: It may not be possible to install the largest conductors in adjacent holes due to the wire insulation thickness. Use only connections which allow insertion of wires without undue insulation interference between wires at the connector. When fully inserted into the connector the insulation should be within 1/8 inch of the connector. Strip wires to lengths shown in Table 2.

Table 2

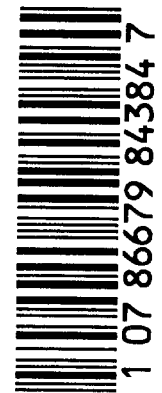
Hole Position	Wire Strip Length
UPPER	$\frac{3}{8}$ to $\frac{1}{2}$ INCH
MIDDLE	$\frac{3}{4}$ to $\frac{7}{8}$ INCH
LOWER	$1\frac{1}{4}$ to $1\frac{3}{8}$ INCH

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CUTLER-HAMMER CIRCUIT BREAKERS



MULTI WIRE TERMINAL
CONNECTORS FOR J-FRAME
CIRCUIT BREAKER



Made in U.S.A.