Eaton Circuit Breakers
Multi Wire Connector Kit
Catalog No 3TA250FJ6-4

For use on Eaton Series G, J Frame Circuit Breakers,
Molded Case Switches and Motor Circuit Protectors

**Kit Contents**

<table>
<thead>
<tr>
<th>Kit Contents</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3 - Wire Connectors</td>
<td>1 - Torque Label</td>
</tr>
<tr>
<td>3 - 5/16 - 24 Mtg. Screws</td>
<td>2 - Interphase Barriers</td>
</tr>
<tr>
<td></td>
<td>This Publication</td>
</tr>
</tbody>
</table>

**Wire Range** #4 - #14 AWG (Maximum 6) 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.

**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 Eaton Corporation 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 equipments.

Effective: December 2010
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 Figure1.

CAUTION: Supplied Interphase Barriers MUST be installed to maintain electrical spacings.

1. Remove and discard existing LOAD END wire connectors from breaker.

2. Place 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.

3. Install provided mounting screw as shown in Figure 1. Torque mounting screw to 8 Lb.-Ft.

4. Repeat steps 2 through 3 for the remaining poles.

5. Apply torque label to side of breaker.

The circuit breaker may be installed into equipment at this time. The Interphase Barriers may be installed before or after breaker installation. To install Interphase Barriers, slide barriers into slots of breaker until flush with top. (see Figure 2).

FIELD WIRINGS:
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

<table>
<thead>
<tr>
<th>Hole Position</th>
<th>Wire Strip Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPPER</td>
<td>3/8 to 1/2 INCH</td>
</tr>
<tr>
<td>MIDDLE</td>
<td>3/4 to 7/8 INCH</td>
</tr>
<tr>
<td>LOWER</td>
<td>1 1/4 to 1 3/8 INCH</td>
</tr>
</tbody>
</table>

Eaton Corporation
Cutler-Hammer business unit
1000 Cherrington Parkway
Moon Township, PA 15108-4312
USA
tel: 1-800-525-2000
www.eaton.com

© 2010 Eaton Corporation
All Rights Reserved
Printed USA
Publication No. IL01205002EH01
December 2010