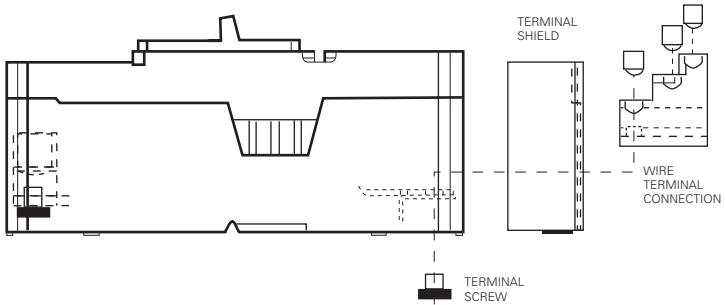


# Instruction Leaflet K-Frame MCCB and MCP Multi Wire Connector Kits Catalog No. 3TA400K6K, 3TA400K3K



## Contents

Description .....	Page
Installation Instructions .....	3
Field Wiring .....	3



**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	
1 – Molded Insulator	1 – Torque Label
3 – Wire Connectors	This Publication
3 – .375 x 24 Mounting Screws	

- 3 – Wire Connector Terminal Torque = 120 in-lbs (13.6 Nm) CU/AL 2/0-#14 AWG Wire
- 6 – Wire Connector Terminal Torque = 25 in-lbs (2.8 Nm) CU/AL #3 - #14 AWG Wire

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 THEY ARE TO BE INSTALLED ONLY ON THE “LOAD END” OF THE CIRCUIT BREAKER.**

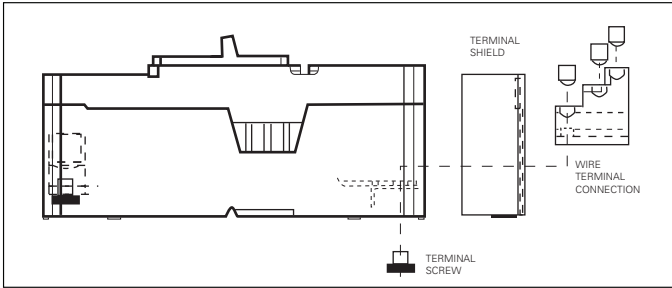


Fig. 1 Typical K-Frame Circuit Breaker Installation



**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 Eaton 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 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 INSULATIONS MUST BE  
INSTALLED TO MAINTAIN ELECTRICAL SPACINGS.**

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



#### CAUTION

**USE ONLY MOUNTING SCREWS PROVIDED WITH  
KIT. DO NOT SUBSTITUTE OR ELECTRICAL  
SPACINGS MAY NOT BE MET.**

2. Install terminal to each pole with provided mounting screw as shown in Figure 1. Torque mounting screw to 72-96 lb-in (8.1-10.9 Nm).
3. Install molded insulator to the breaker, as shown in Figure 1.
4. Apply torque label to side of breaker.

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

#### FIELD WIRING:

Notice: 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 (3.2 mm) of the connector. Strip wires to lengths shown in Table 2.

TABLE 2

Hole Position	Wire Strip Length
UPPER	9/16 to 3/4 INCH (14.3 mm to 19.1 mm)
MIDDLE	1 3/16 to 1 1/2 INCH (30.2 mm to 38.1 mm)
LOWER	1 7/8 TO 2 1/4 INCH (47.6 mm to 57.2 mm)

## Instruction Leaflet IL6602C17B

Effective April 2014

## Instruction Leaflet K-Frame MCCB and MCP Multi Wire Connector Kits Catalog No. 3TA400K6K, 3TA400K3K

The instructions for installation, testing, maintenance, or repair herein are provided for the use of the product in general commercial applications and may not be appropriate for use in nuclear applications. Additional instructions may be available upon specific request to replace, amend, or supplement these instructions to qualify them for use with the product in safety-related applications in a nuclear facility.

This Instruction Booklet is published solely for information purposes and should not be considered all-inclusive. If further information is required, you should consult an authorized Eaton sales representative.

The sale of the product shown in this literature is subject to the terms and conditions outlined in appropriate Eaton selling policies or other contractual agreement between the parties. This literature is not intended to and does not enlarge or add to any such contract. The sole source governing the rights and remedies of any purchaser of this equipment is the contract between the purchaser and Eaton.

**NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, OR WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, ARE MADE REGARDING THE INFORMATION, RECOMMENDATIONS, AND DESCRIPTIONS CONTAINED HEREIN.**

In no event will Eaton be responsible to the purchaser or user in contract, in tort (including negligence), strict liability or otherwise for any special, indirect, incidental or consequential damage or loss whatsoever, including but not limited to damage or loss of use of equipment, plant or power system, cost of capital, loss of power, additional expenses in the use of existing power facilities, or claims against the purchaser or user by its customers resulting from the use of the information, recommendations and description contained herein.

**Eaton Corporation**  
Electrical Sector  
1111 Superior Ave.  
Cleveland, OH 44114  
United States  
877-ETN-CARE (877-386-2273)  
Eaton.com

© 2013 Eaton Corporation  
All Rights Reserved  
Printed in Dominican Republic  
Publication No. IL6602C17B / TBG000886  
Part No. 6602C17H04  
April 2014