

# Fixed breaker terminal mounting bracket in Magnum low-voltage circuit breakers

## ⚠ WARNING

- (1) ONLY QUALIFIED ELECTRICAL PERSONNEL SHOULD BE PERMITTED TO WORK ON THE EQUIPMENT
- (2) ALWAYS DE-ENERGIZE PRIMARY AND SECONDARY CIRCUITS IF A CIRCUIT BREAKER CANNOT BE REMOVED TO A SAFE WORK LOCATION
- (3) DRAWOUT CIRCUIT BREAKERS SHOULD BE LEVERED (RACKED) OUT TO THE DISCONNECT POSITION.
- (4) ALL CIRCUIT BREAKERS SHOULD BE SWITCHED TO THE OFF POSITION AND MECHANISM SPRINGS DISCHARGED.

**FAILURE TO FOLLOW THESE STEPS FOR ALL PROCEDURES DESCRIBED IN THIS INSTRUCTION LEAFLET COULD RESULT IN DEATH, BODILY INJURY, OR PROPERTY DAMAGE.**

## ⚠ WARNING

**THE INSTRUCTIONS CONTAINED IN THIS IL AND ON PRODUCT LABELS MUST BE FOLLOWED. OBSERVE THE FIVE SAFETY RULES.**

- DISCONNECTING;
- ENSURE THAT DEVICES CANNOT BE ACCIDENTALLY RESTARTED;
- VERIFY ISOLATION FROM THE SUPPLY;
- EARTHING AND SHORT-CIRCUITING; AND;
- COVERING OR PROVIDING BARRIERS TO ADJACENT LIVE PARTS.

**DISCONNECT THE EQUIPMENT FROM THE SUPPLY. USE ONLY AUTHORIZED SPARE PARTS IN THE REPAIR OF THE EQUIPMENT. THE SPECIFIED MAINTENANCE INTERVALS AS WELL AS THE INSTRUCTIONS FOR REPAIR AND EXCHANGE MUST BE STRICTLY ADHERED TO PREVENT INJURY TO PERSONNEL AND DAMAGE TO THE SWITCHBOARD.**

## Section 1: General information

The terminal mounting bracket provides a means for mounting secondary terminal blocks on a fixed circuit breaker for making required secondary connections.

For Magnum breakers with PXR trip units:

- Kit 2C13794G12 is for a standard single-wide, standard double-wide, and narrow double-wide frame breaker.
- Kit 2C13794G13 is for a single narrow-wide frame breaker.

For Magnum breakers with Digitrip trip units:

- Kit 2C13794G02 is for a standard single-wide, standard double-wide, and narrow double-wide frame breaker.
- Kit 2C13794G03 is for a single narrow-wide frame breaker.

**Note:** Terminal blocks are optional and not provided as part of the kit.

### Required tools

- 1/4-inch drive ratchet
- 1/4-inch drive 10 mm socket
- Slot screwdriver

### Kit parts identification

Refer to **Figure 1** and **Figure 2** for visual identification of the parts listed below for the kit based on the trip unit in your breaker:

- (A) Terminal bracket (one)
- (B) Spacers (10 for standard and eight for narrow)
- (C) Mounting screw (one)
- (D) Terminal strap (one)



Powering Business Worldwide

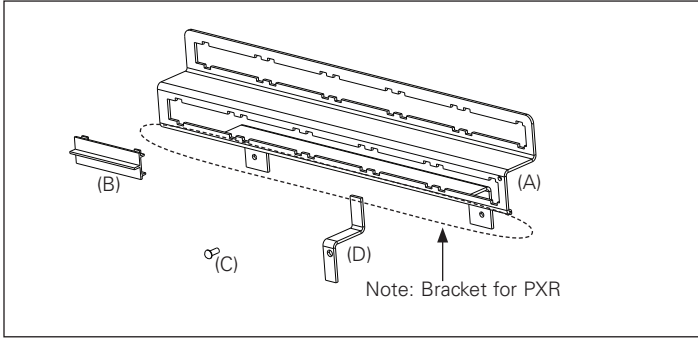


Figure 1. Contents of kit (PXR trip unit breakers)

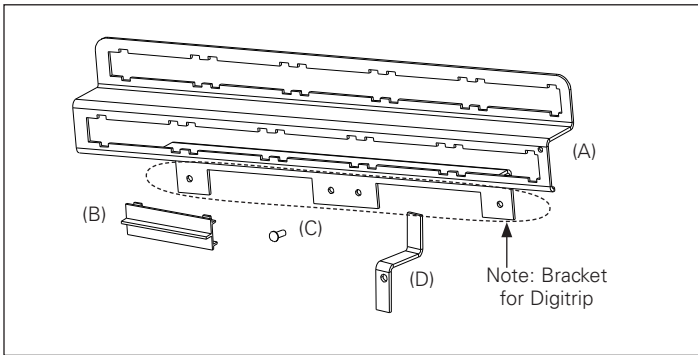


Figure 2. Contents of kit (Digitrip trip unit breakers).

### Installation of fixed breaker terminal mounting bracket

To install the terminal mounting bracket, proceed with the following steps:

**Step 1:** Remove nuts from the connector mounting screws, and remove the plastic wire tie clips. There will be two of each on PXR breakers and four of each on Digitrip breakers.

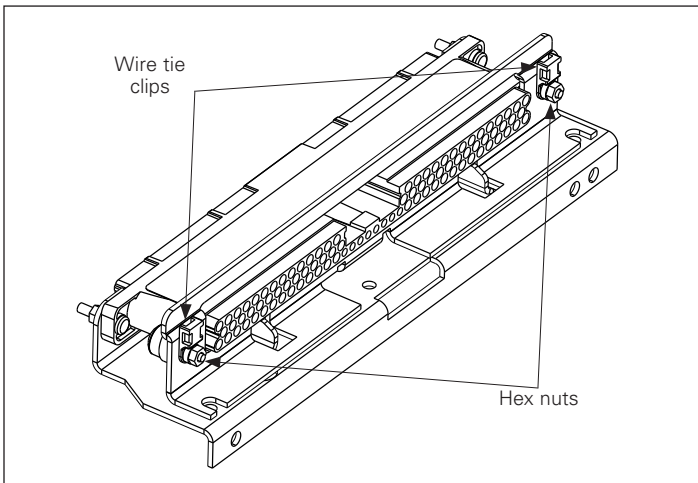


Figure 3. Step 1 PXR trip unit breakers.

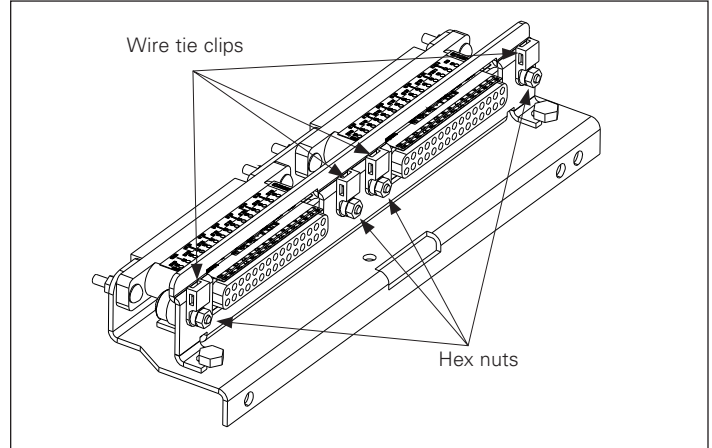


Figure 4. Step 1 Digitrip trip unit breakers.

**Step 2:** Populate terminal bracket (A) with spacers (B) or optional terminal blocks. Retain them with terminal strap (D) and mounting screw (C). Assemble to secondary contact assembly with the nuts removed in Step 1.

(Catalog No. MSECBK optional terminal blocks and Catalog No. MSECWR optional wire kits)

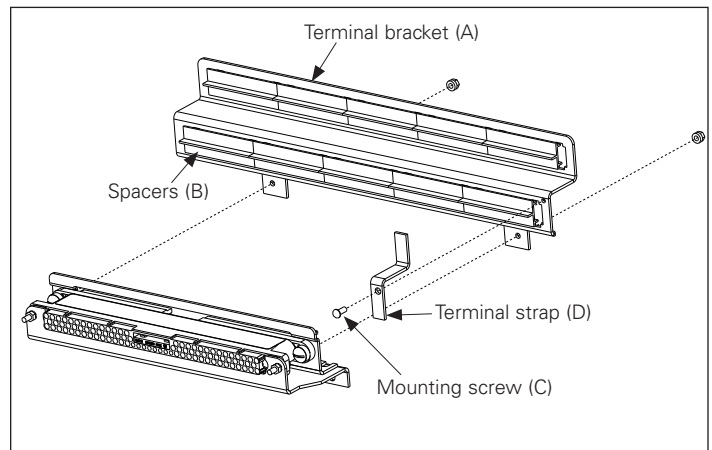


Figure 5. Step 2 PXR trip unit breakers.

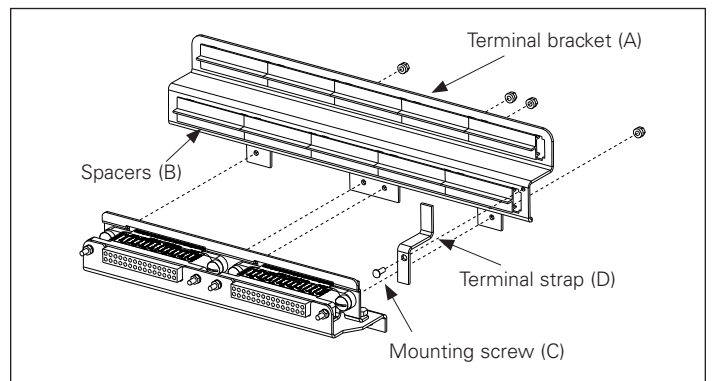


Figure 6. Step 2 Digitrip trip unit breakers.

**Notes:**

## Disclaimer of warranties and limitation of liability

The information, recommendations, descriptions, and safety notations in this document are based on Eaton Corporation's ("Eaton") experience and judgment, and may not cover all contingencies. If further information is required, an Eaton sales office should be consulted.

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 Eaton and the purchaser.

THERE ARE NO UNDERSTANDINGS, AGREEMENTS, WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, OTHER THAN THOSE SPECIFICALLY SET OUT IN ANY EXISTING CONTRACT BETWEEN THE PARTIES. ANY SUCH CONTRACT STATES THE ENTIRE OBLIGATION OF EATON. THE CONTENTS OF THIS DOCUMENT SHALL NOT BECOME PART OF OR MODIFY ANY CONTRACT BETWEEN THE PARTIES.

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 descriptions contained herein.

The information contained in this manual is subject to change without notice.

**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
Eaton.com

© 2022 Eaton  
All Rights Reserved  
Printed in USA  
Publication No.IL2C13795H10/TBG 001595  
September 2022