

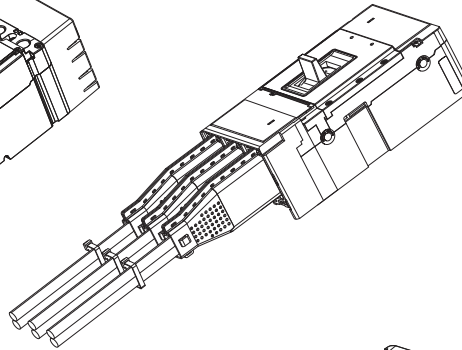
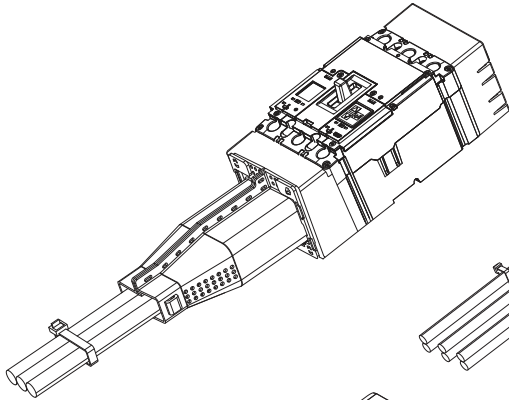
Installation of PRLSEB type barrier kits

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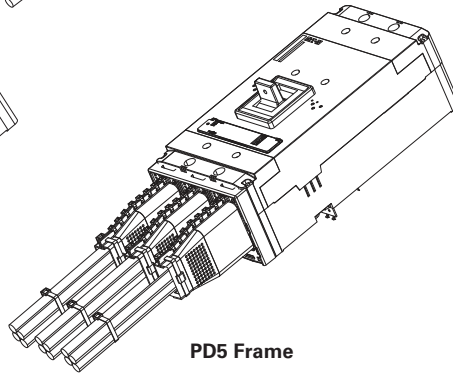
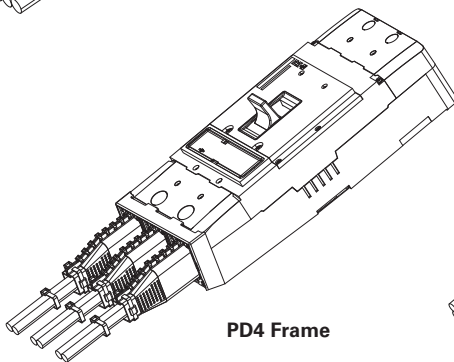
PD2 Frame

PD3 Frame



PD4 Frame

PD5 Frame



⚠ WARNING

DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. DEATH, SEVERE PERSONAL INJURY, 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.

EATON IS NOT LIABLE FOR THE MISAPPLICATION OR MISINSTALLATION OF ITS PRODUCTS.

1 Introduction

This Instructional Leaflet (IL) covers the Eaton UL67 finger protection kits listed in Table 1.

Table 1. Eaton PRLSEB type barrier kits and associated catalog numbers.

Product	Catalog Number
PD5	PRLSEBPD5
PD4	PRLSEBPD4
PD3	PRLSEBPD3
PD2	PRLSEBPD2

2. Installation

Step 1. Installing the barrier housing

Part A

A. Align then slide the barrier housing from the front of the breaker until the rear surfaces of the breaker and housing are even (see Figure 1).

Note: All barrier housing parts are designed to slide into the breaker frames and to be held in place by friction.

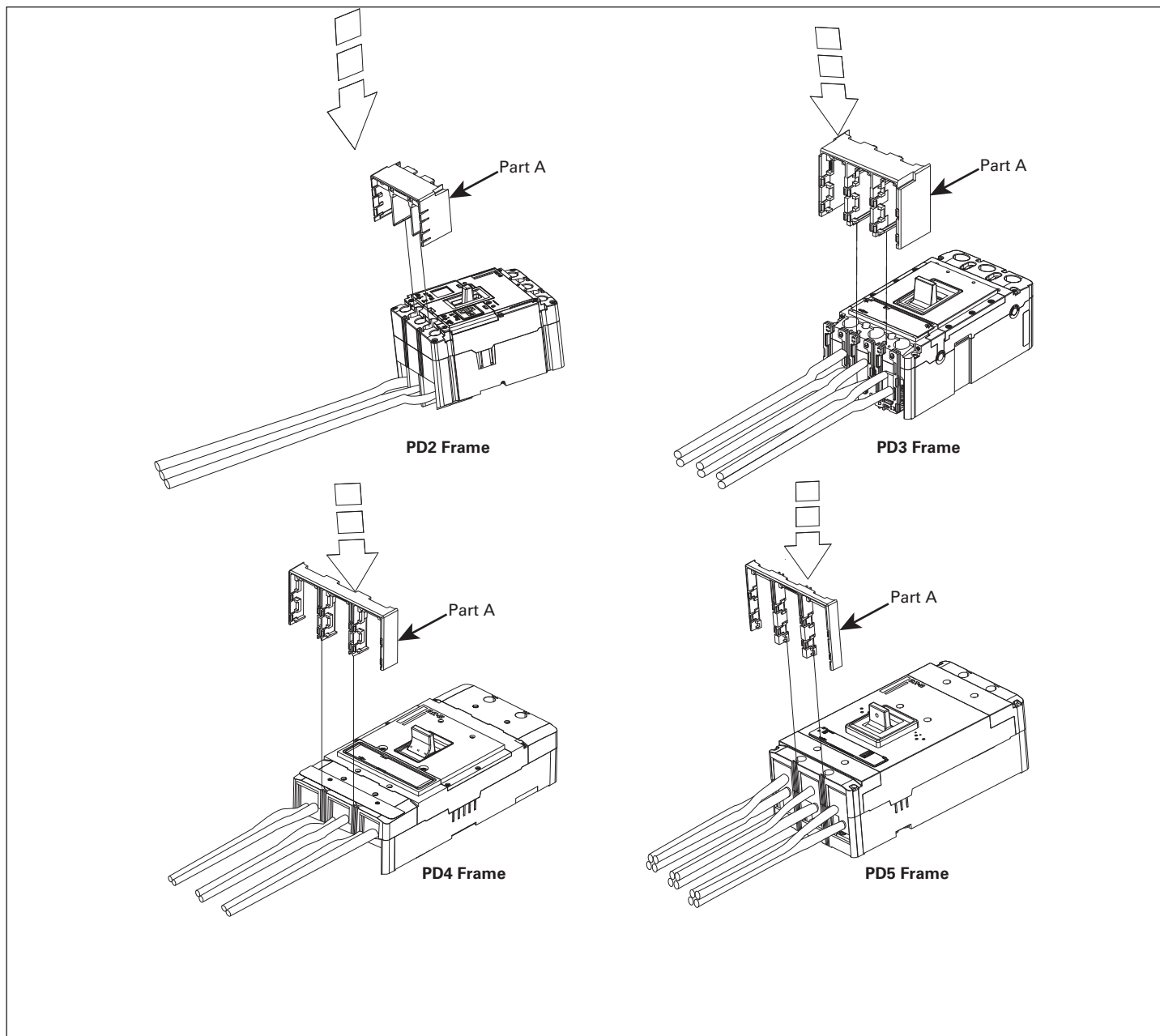


Figure 1. Installation of the PD2, PD3, PD4 & PD5 barrier housings.

Step 2. Installing the boots

Part B

Perform the following steps for each rubber boot, starting with the center pole of the breaker.

A. Ensure the cables are maintained straight as far as possible from the breaker. Install a cable tie around the conductors if multiple conductors are to be inside the boot.

- B. Install the large wire tie onto the end/top of the rubber boot without fastening it. Note that the opening for the wire tie on the rear of the boot will not be visible once the boot is installed.
- C. Slide the rubber boot sub-assembly under and over the conductors. The opening should face the front of the panel.
- D. Slide the boot towards the housing and align the bottom of the boot with the housing.
- E. Install the boot frame into the housing by pressing into place. Ensure the boot is secured onto the four tabs in the housing.

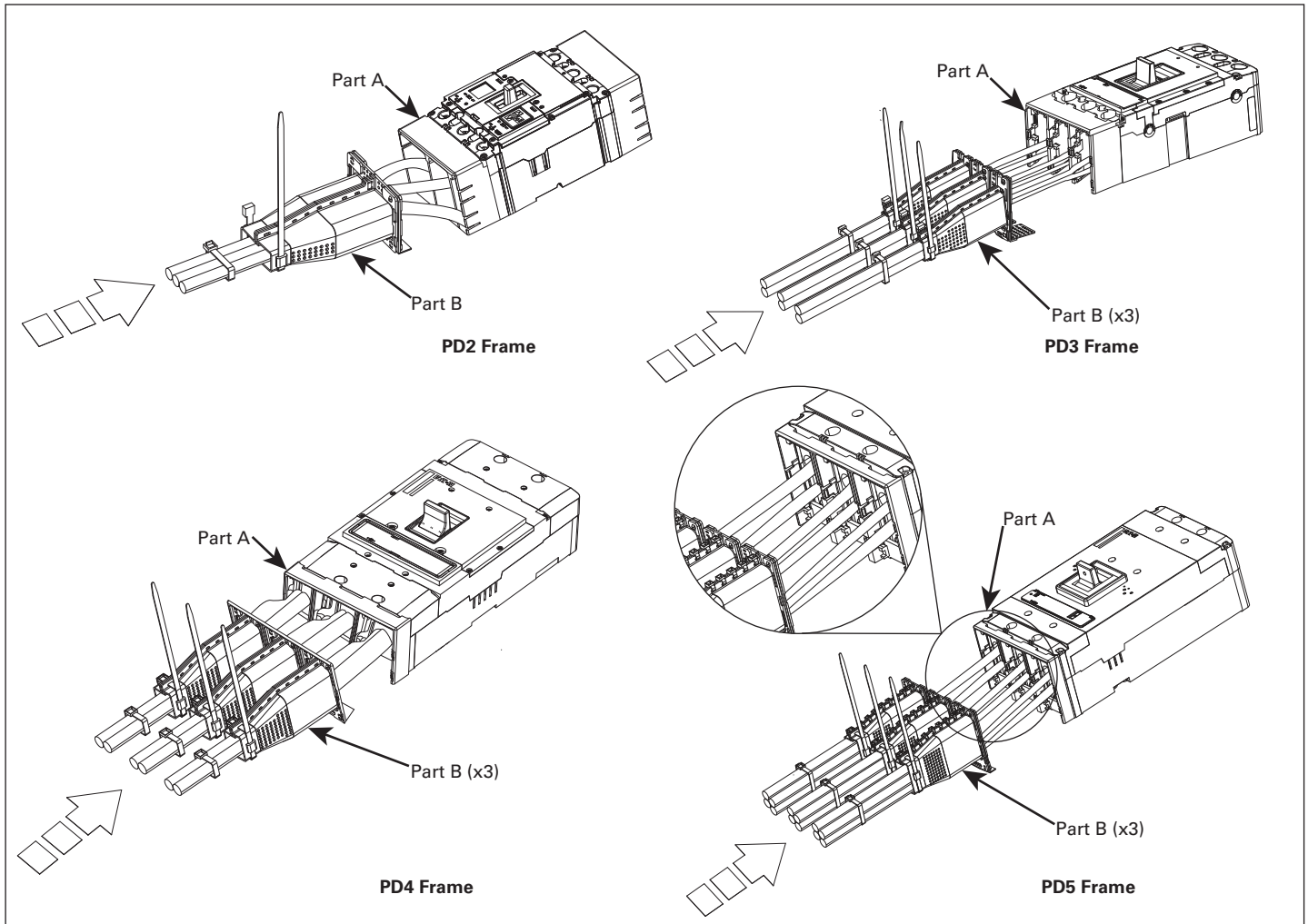


Figure 2. Installation of the PD2, PD3, PD4 & PD5 boots.

Step 3. Installing the front barriers - (if applicable)

A. PD3

1. Line up the barrier's circular features with the terminal holes on the breaker.
2. Press the barrier into place.

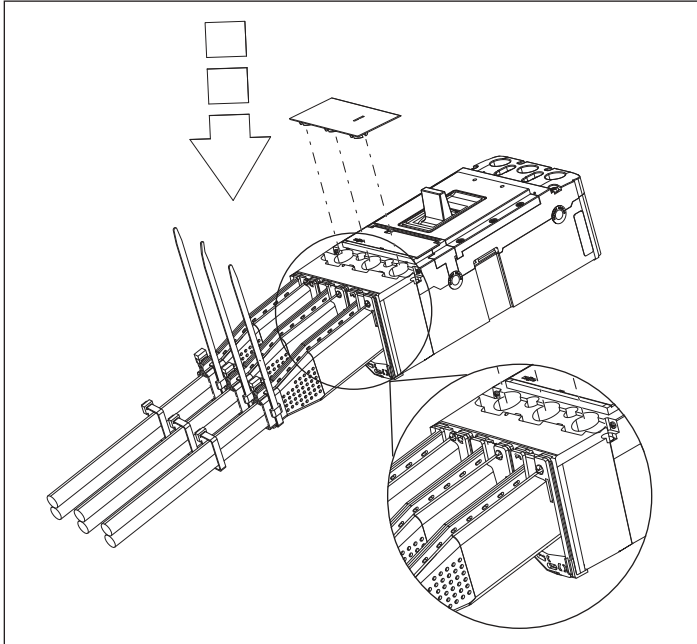


Figure 3. Installing the PD3 front barrier.

Step 4. Completing the installation

- A. Fasten the large wire tie that was previously pre-installed at the top of the boot.
- B. Install and fasten the small wire ties along the front of the boot to close it.
- C. Cut off the excess wire tie material.

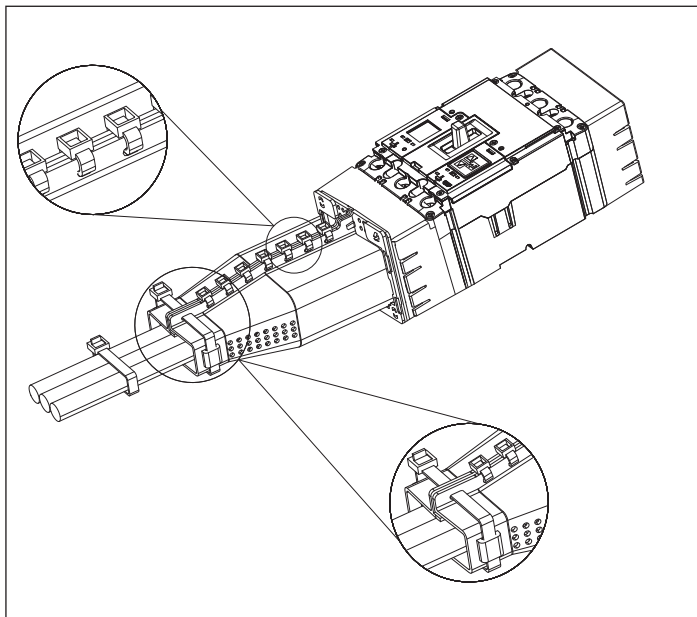


Figure 4. Installation of the boot - PD2 frames.

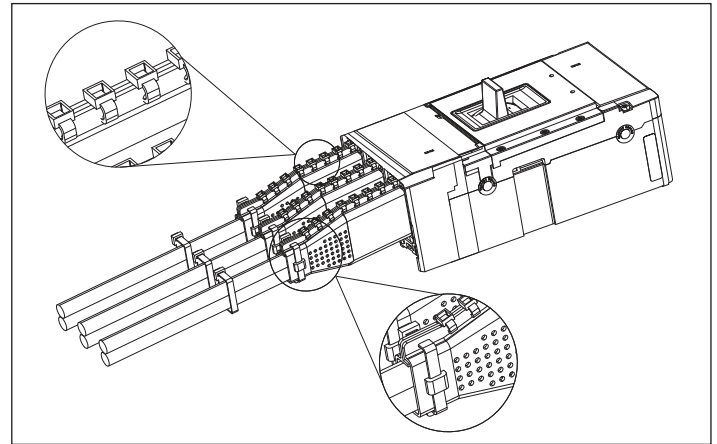


Figure 5. Installation of the boot - PD3 frames.

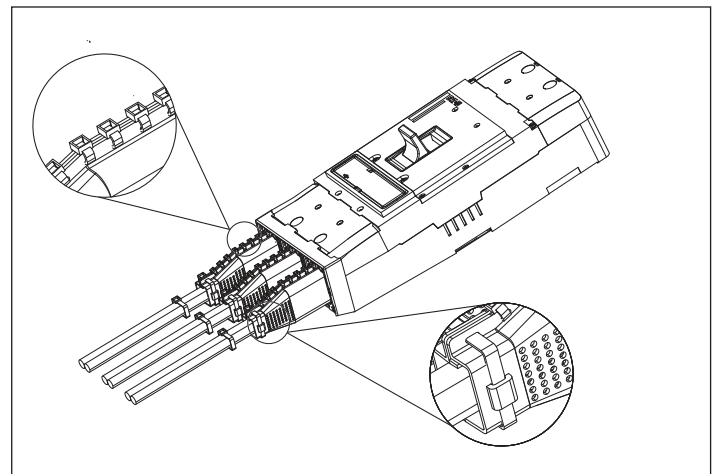


Figure 6. Installation of the boot - PD4 frames.

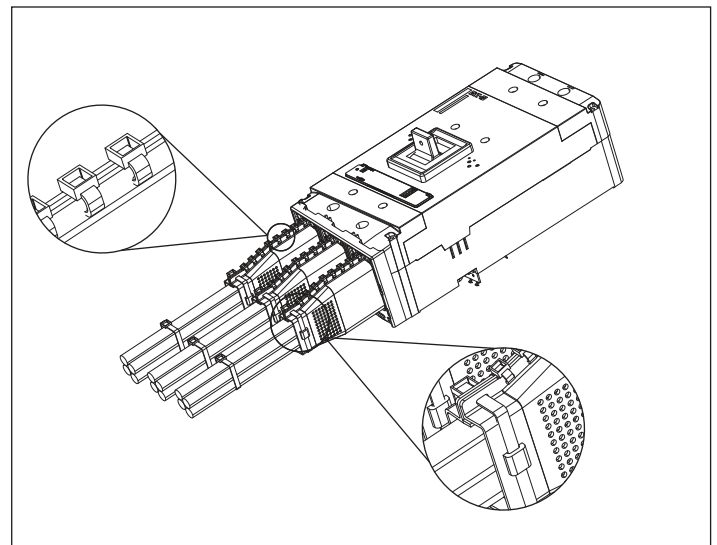


Figure 7. Installation of the boot - PD5 frames.

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.

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