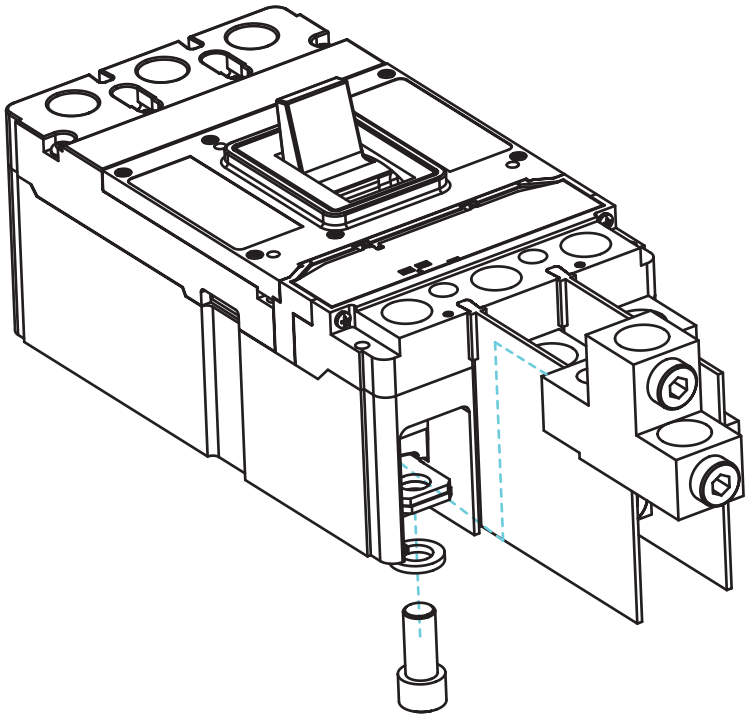
Instruction Leaflet **IL012253EN**

Eaton Circuit Breakers
Reverse Feed Connector Kit
Catalog No. PDG3X3(2)(4)TA630RF



Contents

Power
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For use on Eaton PDG3 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.

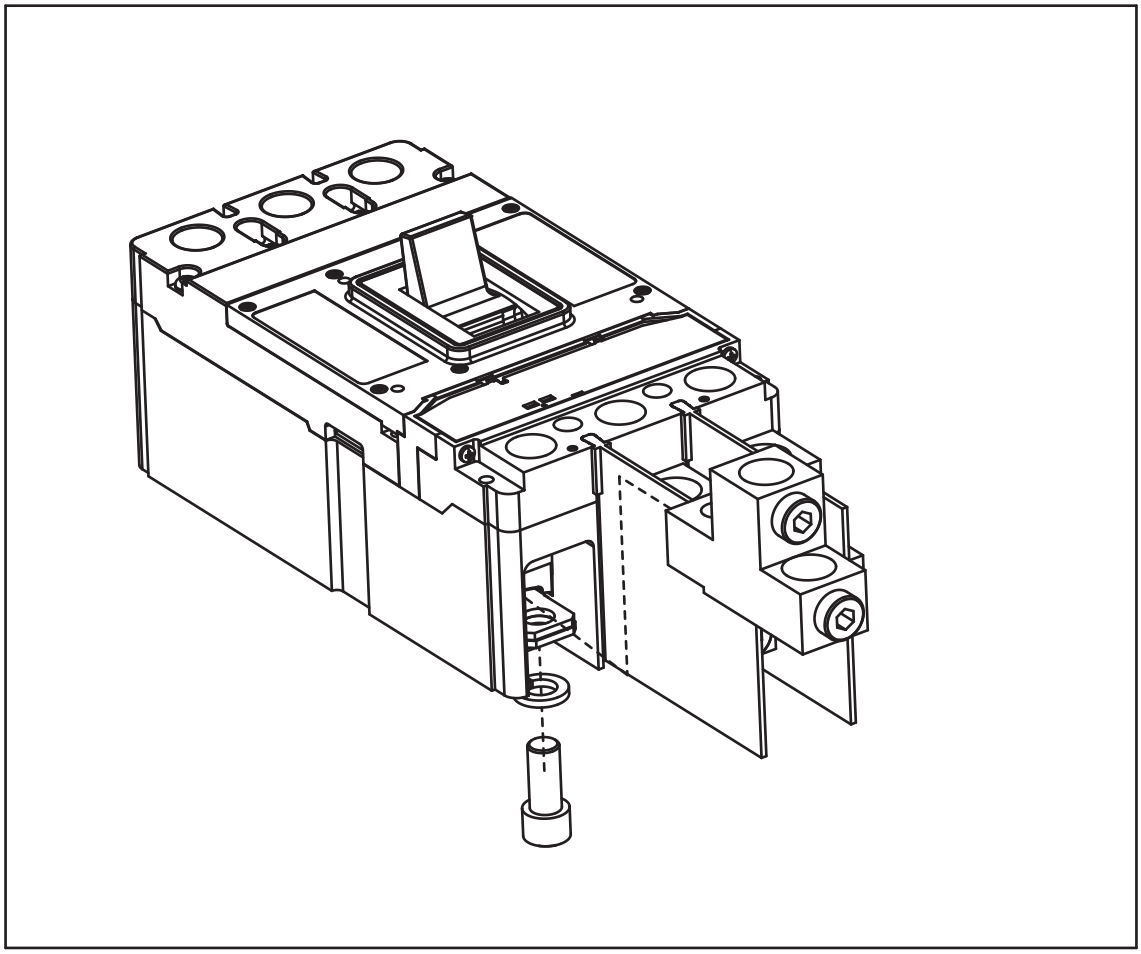

Fig. 1.

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 end use installation or use not in accordance with these codes and standards could be hazardous to personnel and/or equipment.

Installation Instructions

To Install the Lugs:

1. Align the lugs so that the side with the step faces against the breaker's conductor. You will notice that the step locks to limit rotation. This is critical to provide additional protection in the case of a high fault.
2. Insert the 1/2" socket head cap screw and lock washer through the breaker conductor and into the terminal. Tighten to 200 in-lbs. (22.6 N·m).
3. Repeat steps 1 and 2 until all lugs are installed.
4. Install the interphase barriers per the instructions printed on the bag.

To Install Cable:

1. Choose the correct cable size for the application. Each lug can accommodate (2) cables from 35-240 mcm.
2. Prepare Cable.
   a. If using multi-stranded flexible wire: We recommend the use of a ferrule on the end of the cable. This will ensure the strongest connection and reduce fatigue over time.
3. Insert the prepared cable(s) into the reverse lug.
4. Torque the terminal screw(s) to 375 in-lbs. (42.4 N·m).

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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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Printed in USA
Publication No. IL012253EN
Part No. IL012253EN H01

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