Eaton Circuit Breakers
Reverse Feed Connector Kit
Catalog No. PDG4X3(2)(4)TA800RF

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For use on Eaton PDG4 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. Remove the two screws on the top and bottom of the MDL breaker’s plastic terminal cover and remove the plastic cover from the breaker.
2. Align the lugs so the side with the step faces toward the breaker’s terminal post. You will notice that the two steps go together. This is critical to provide additional protection in the case of a high fault.
3. Insert the large 1/2 - 1/3” hex head bolt through the lug and into the breaker’s terminal post. Tighten to 30 - 35 ft-lbs (40.7 - 47.5 N·m).
4. Repeat steps 2 and 3 until all lugs are installed.
5. Re-install the terminal cover and tighten the terminal cover screws to 20 - 22 in-lbs (2.3-2.5 N·m).
6. Install the interphase barriers per the instructions printed on the bag. These can be trimmed down to reduce the height if desired, though care must be taken to ensure that the minimum creepage and clearance distances are maintained.

To Install Cable:
1. Choose the correct cable size for the application. Each lug can accommodate up to three cables from 2/0 - 400 kcmil.
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 prepped cable(s) into the reverse lug.
4. Torque the terminal screw(s) to 275 in-lbs. (31.1 N·m)
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