Instructions for Multi Wire Connector kit, Catalog No. PDG2X3(2)(4)TA2253W. For Use on PDG2 Frame Circuit Breakers, Molded Case Switches, and Motor Circuit Protectors.

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The installation and use of Eaton, Inc. 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

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.

SUPPLIED MOLDED INSULATORS MUST BE INSTALLED TO MAINTAIN ELECTRICAL SPACINGS.

1. Remove and discard existing LOAD END wire connectors from breaker.
2. Install keeper nuts on all LOAD END terminals of breaker as shown in Figure 1.
3. Place kit wire connector into molded insulator as shown in Figure 1.
4. Place molded insulator and wire connector on top of breaker terminals as shown in Figure 1.

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

5. Install provided mounting screw, lockwasher and flat washer as shown in Figure 1. Torque mounting screw to 35 lb.-in. (3.95 Nm).
6. Repeat steps 3 through 5 for the remaining poles.
7. Apply torque label to side of breaker.

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

FIELD WIRING:

Note: 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 in. (3.18 mm) of the connector. Strip wires to lengths shown in Table 2.

<table>
<thead>
<tr>
<th>Hole Position</th>
<th>Wire Strip Length</th>
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<tbody>
<tr>
<td>UPPER</td>
<td>3/8 - 1/2 in.</td>
</tr>
<tr>
<td></td>
<td>(9.5 - 12.7 mm)</td>
</tr>
<tr>
<td>MIDDLE</td>
<td>3/4 - 7/8 in.</td>
</tr>
<tr>
<td></td>
<td>(19.1 - 22.2 mm)</td>
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<tr>
<td>LOWER</td>
<td>1 1/4 - 1 3/8 in.</td>
</tr>
<tr>
<td></td>
<td>(31.8 - 34.9 mm)</td>
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