Installation Instructions for RG-DC Frame Circuit Breaker

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**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.

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**Figure 1.** RG-DC Frame Circuit Breaker.

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**Figure 2.** Mounting Bolt Drilling Plan.

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**Table: Mounting Bolt Drilling Plan**

- **Top**
  - 7.250 [184.15] (4 Holes)
  - 14.500 [368.30]
  - 15.000 [381.00]
  - 12.000 [304.80] (2 Holes)

- **Bottom**
  - 7.750 [196.80]
  - 10.000 [254.00]
Figure 3. Escutcheon Dimensions

Figure 4. Operation.

Suitable for use on grounded systems that have one leg of load (A) connected to power supply.

Figure 5. Connection Diagram.

Suitable for use on ungrounded systems.
**Step 1.**
Install one rear connector.

**Step 2.**
Install one set of heat sinks.

**Step 3.**
Repeat steps one and two to adjacent poles.

<table>
<thead>
<tr>
<th>Rating</th>
<th>Catalog Number</th>
<th>Torque in.-lb</th>
<th>Heat Sinks Per Rear Connector</th>
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<tbody>
<tr>
<td>1000</td>
<td>B2500RD(M)</td>
<td>180</td>
<td>2</td>
</tr>
<tr>
<td>1250</td>
<td>B2500RD(M)</td>
<td>180</td>
<td>2</td>
</tr>
<tr>
<td>1600</td>
<td>B2500RD(M)</td>
<td>180</td>
<td>2</td>
</tr>
<tr>
<td>2000</td>
<td>B2500RD(M)</td>
<td>180</td>
<td>2</td>
</tr>
<tr>
<td>2500</td>
<td>B2500RD(M)</td>
<td>180</td>
<td>2</td>
</tr>
<tr>
<td>3000</td>
<td>B3000RD(M)</td>
<td>180</td>
<td>4</td>
</tr>
</tbody>
</table>

* Catalog numbers of metric rear connectors contain M.
** Single rear connector individually packed.

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Figure 6. Connections.
Notes:
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