LG PV circuit breaker

WARNING

DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. DEATH OR SEVERE PERSONAL INJURY CAN RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT. ALWAYS VERIFY THAT NO VOLTAGE IS PRESENT BEFORE PROCEEDING.

Figure 1. LG PV Circuit Breaker

Figure 2. LG PV Circuit Breaker Dimensions
Use 110 mm screw (long) on line end and 100 mm screw (short) on load end.

**Figure 3. Mounting**

200 lb in (22 Nm)

For Wire Seal Applications ONLY

Terminal Shield Required for T631L, TA632L, T632L

200 lb in (22 Nm)

**Figure 4. Connections**

**Table 1: Connections**

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Terminal Body Material</th>
<th>Wire Size Range</th>
<th>Torque</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CU/AL</td>
<td>Aluminum</td>
<td>2–500 (2)</td>
<td>35–240 (2)</td>
<td>375</td>
</tr>
<tr>
<td>CU</td>
<td>Copper</td>
<td>2–500 (2)</td>
<td>35–240 (2)</td>
<td>375</td>
</tr>
<tr>
<td>CU</td>
<td>Copper</td>
<td>2–500 (1)</td>
<td>35–240 (1)</td>
<td>375</td>
</tr>
</tbody>
</table>

**Figure 5. Operation**

**Figure 6. Trip Unit**

**Figure 7. Four-Pole in Series**

Customer Connection Poles in Series

Load Connected to PV Power Source Grounded or Ungrounded Systems

Load Isolated from Power Source Ungrounded Systems ONLY

Interphase Barriers Barrier if Required IPB3

Load (A)