Utility Metering Transformer Cabinet

Introduction
Lake Shore Electric Metering Transformer Cabinets are UL Listed and Utility Company Compliant. They provide a safe, convenient and standardized method to install, test and maintain the following equipment:

- Current Transformers
- Potential (Voltage) Transformers

Typically, services over 400 Amps are required to have a conforming enclosure to house Utility provided metering current transformers. The Lake Shore Electric Utility Metering Transformer Cabinet provides the solution.

Product Features
- UL 414 Listed
- 100% Rated Copper Bus
- Ampacity Range: 800 thru 4000A
- Top or Bottom Entry/Exit
- NEMA 1, 3R, & 3R Stainless Enclosures Available
- Standardized bus bar arrangement with removable center link. (4" Width Standard) For use with donut type current transformers.
- Bar Type Current Transformers are Installed in Place of Removable Links
- Standard cabinets have split, hinged doors with removable center post.

Factory Options
- Utility Compliance: Specify When Ordering
- Custom Mechanical Lugs: Specify When Ordering
  - Wire Range
  - # of Cables
  - Line or Load Side or Both

Accessories
- 18" Floor Stands for JCTC & MCTC Model Wall Mount Enclosures

Recommendations
The CT Cabinets are capable of other configurations outside the standard setup. Please consult the factory for further information on equipment outside the standard packages.

Here are Some Customized Examples
- Mounting Panel
- Z-Brackets
- Channel Style
- Enclosure Only

CT Cabinet Order Guide

<table>
<thead>
<tr>
<th>MODEL SERIES</th>
<th>CURRENT RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>JCTC</td>
<td>0800 = 800 Amps</td>
</tr>
<tr>
<td>MCTC</td>
<td>1000 = 1000 Amps</td>
</tr>
<tr>
<td></td>
<td>1200 = 1200 Amps</td>
</tr>
<tr>
<td>SCTC</td>
<td>2000 = 2000 Amps</td>
</tr>
<tr>
<td></td>
<td>3000 = 3000 Amps</td>
</tr>
<tr>
<td></td>
<td>4000 = 4000 Amps</td>
</tr>
</tbody>
</table>

CUSTOMER CONNECTIONS
- M = Mechanical Lugs
- N = NEMA Hole Pattern

ENCLOSURE TYPE
- A = NEMA 1 Wall Mount
- B = NEMA 1 Freestanding
- E = NEMA 3R Wall Mount
- F = NEMA 3R Freestanding
- K = NEMA 3R Wall Mount Stainless
- L = NEMA 3R Freestanding Stainless

FOR FUTURE USE
- 2 For SCTC Models Only

Part Number Example: MCTC1200NA0000 (Model MCTC, 1200 Amps, NEMA 2 Hole Pattern, in a NEMA 1 Wall Mount Enclosure; No Options Selected)

CT CABINET SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model Prefix</th>
<th>Ampacity Rating</th>
<th>kAIC Rating 480V</th>
<th>Dimensions H x W x D (Inches)</th>
<th>Customer Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>JCTC</td>
<td>800A</td>
<td>50</td>
<td>60x42x12</td>
<td>(2) #2-600 2</td>
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<tr>
<td>MCTC</td>
<td>1200A</td>
<td>66x48x18</td>
<td>(4) 40-500</td>
<td>4</td>
</tr>
<tr>
<td>SCTC</td>
<td>2000A</td>
<td>50</td>
<td>84x54x24</td>
<td>(8) 300-800 6</td>
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<tr>
<td></td>
<td>3000A</td>
<td></td>
<td></td>
<td>(12) 300-800 10</td>
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<tr>
<td></td>
<td>4000A</td>
<td></td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

* 100kAIC Rating Applies to SCTC 4000 Amp Model Only

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