

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

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MODEL SERIES	CURRENT RATING						
JCTC	0800 = 800 Amps						
MCTC	1000 = 1000 Amps 1200 = 1200 Amps						
SCTC	2000 = 2000 Amps 3000 = 3000 Amps 4000 = 4000 Amps						
CUSTOMER CONNECTIONS							
M = Mechanical Lugs N = NEMA Hole Pattern							
ENCLOSURE TYPE							
A = NEMA 1 Wall Mount B = NEMA 1 Freestanding ² E = NEMA 3R Wall Mount F = NEMA 3R Freestanding ² K = NEMA 3R Wall Mount Stainless L = NEMA 3R Freestanding Stainless ²							
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					
Model Prefix	Ampacity Rating	kAIC Rating 480V	Dimensions H x W x D (inches)	Customer Connections	
				Mechanical Lugs (MCM)	NEMA 2 Hole
JCTC	800A	50	60x42x12	(2) #2-600	2
MCTC	1200A		66x48x18	(4) 4/0-500	4
SCTC	2000A	50	84x48x18	(8) 300-800	6
	3000A			(12) 300-800	10
	4000A	100*			

* 100kAIC Rating Applies to SCTC 4000 Amp Model Only



Contact Information
 p:800.225.0141
 f:440.232.5644
sales@lake-shore-electric.com
www.lake-shore-electric.com

Global Headquarters
 Lake Shore Electric
 205 Willis Street
 Bedford, OH 44146