Continental Control Systems, LLC

CTBL Installation Instructions
August 2017

Warning

To reduce the risk of electric shock, always open or disconnect circuit from power-distribution system (or service) of building before installing or servicing current transformers.

Overview

- The Model CTBL split-core current transformer is rated for CAT IV installations and has been tested and approved to meet UL2808 and CSA/CAN 61010-1 for field installations by qualified journeyman electrical contractors.
- Refer to brochures and specifications.
- Install CTs with the arrow or label **"This side towards source**" facing towards the current source. Connect the white and black CT leads to the corresponding white and black CT input terminals.

Installation and removal of current transformers are as follows:

I) Always open or disconnect circuit from power-distribution system (or service) of building before installing or servicing current transformers;

II) The current transformer may not be installed in equipment where they exceed 75 percent of the wiring space of any cross-sectional area within the equipment;

III) Restrict installation of current transformer in an area where it would block ventilation openings;

IV) Restrict installation of current transformer in an area of breaker arc venting;

V) "Not suitable for Class 2 wiring methods" and "Not intended for connection to Class 2 equipment".

VI) Secure current transformer and route conductors so that they do not directly contact live terminals or bus.

This symbol, if it appears on any product, means "DO NOT APPLY OR REMOVE FROM HAZARDOUS LIVE CONDUCTORS". If the current transformers are used in a manner not specified by Continental Control Systems LLC, the protection provided by the current transformers may be impaired. Installation instructions are provided for a qualified installer.

The leads are MTW (machine tool wire) double insulated for field installation, UL rated for 600Vac. The direction of installation for proper phase output relating to the source of input current is shown on the label. The white lead is always in phase with the source.

For further instructions or help please contact: Continental Control Systems LLC