

CT Shorting Assembly

Multi-module mA CT shorting assembly within a 13.35" x 6.5" enclosure. Provides CT shorting for up to 4 PowerHawk devices. Includes one shorting PCB module and 36" inter-connecting wire harness (additional sold separately). CT wire harness(s) not included.



Product Numbers and Variants

Product Number	Product Name
913-514-01	Triacta CT Shorting Assembly (Multi-Module)
913-515-01	Triacta CT Shorting PCB Module

Features and Specifications

- An extendable modular shorting solution that can be used with any Triacta 6000 or 4000 meter except for the 6412.
- The base unit supports one Triacta 6x12/03 or 4x24/06 meter but can be extended to support up to four Triacta 6x12/03 or 4x24/06 meters, or two Triacta 6320 meters.
- The base unit plus each extra shorting PCB module comes with one 3 foot long interconnecting wire harness.
- Recommended for use with mA CTs or CT converters when all CTs to be connected to each PowerHawk meter are in the same distribution panel
- CTs are connected to the Shorting Module via a standard Triacta LD or HD CT Cable (ordered separately).
- Enables CTs to be installed in advance before installing the PowerHawk meter.
- This equipment complies with UL 61010-1, 3rd Edition and CSA-C22.2 No. 61010-1-12

Shorting Procedure

1. Connect CTs to Triacta LD or HD CT Cable/s as per the installation instructions for the meter and configuration.
2. Activate the shorting by inserting the two Shorting Headers into the Shorting Sockets.
3. Always apply shorting before connecting or disconnecting the PowerHawk meter from the Termination Assembly, before changing any CT wiring, and before energizing any CTs.
4. Remove the shorting by moving the two Shorting Headers from the Shorting Sockets to the storage position
5. Do not deactivate shorting to CTs at any time unless the PowerHawk meter is securely connected to the Termination Assembly or all of the connected CTs are de-energized.

Caution: * CT shorting is recommended for all meter installations in situations where CTs may be disconnected from a meter. Open circuit CTs can generate a hazardous voltage and may damage equipment or cause personal injury .

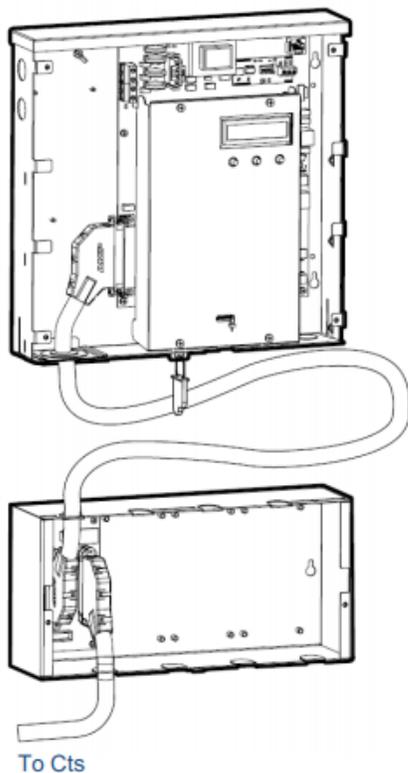
Mounting Instructions

1. Install the CT Shorting Assembly base on the wall no less than 6" (152mm) and no greater than 30" (760mm) from the bottom of the meter. Remove the Shorting Assembly cover and continue with install instructions.
2. If additional CT Shorting PCB Assemblies are required, secure them in one of the spare locations in the base assembly with the mounting hardware provided.
3. Connect the 12" cable harness, provided with each Shorting PCB, between the desired meter and the Assembly.
4. Place the 2 7/8" slotted insert in the cable opening on the right side of the meter base (not required for a 6320 meter).
5. Install the cover on the PowerHawk meter and close the Utility Seal latch before installing the cover on the Shorting Assembly.

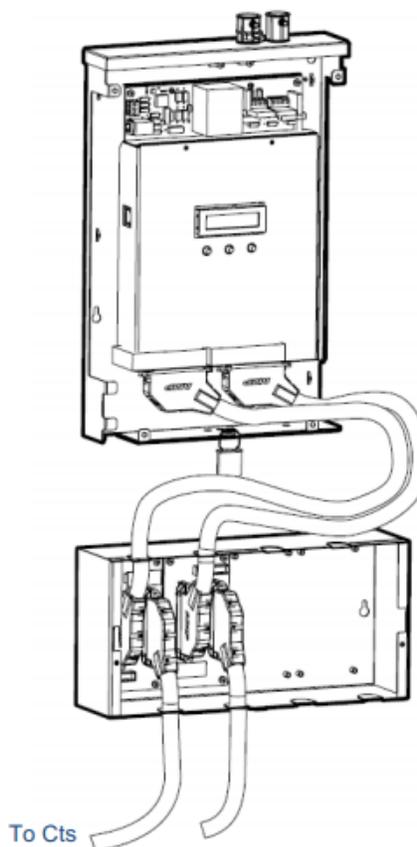
Connection Options

The CT Shorting Assembly can support any combination of 6x12, 6x03, 4x24, 4x06 and 6320 meters (excluding 6412) which require up to four 25 pair HD, or 7 pair LD CT cables.

PowerHawk CT Shorting Assembly with one 6312



PowerHawk CT Shorting Assembly plus one CT Shorting PCB Assembly Kit with one 6320



Internal View and Dimensions

