

# Gateway CT Cable with Shorting

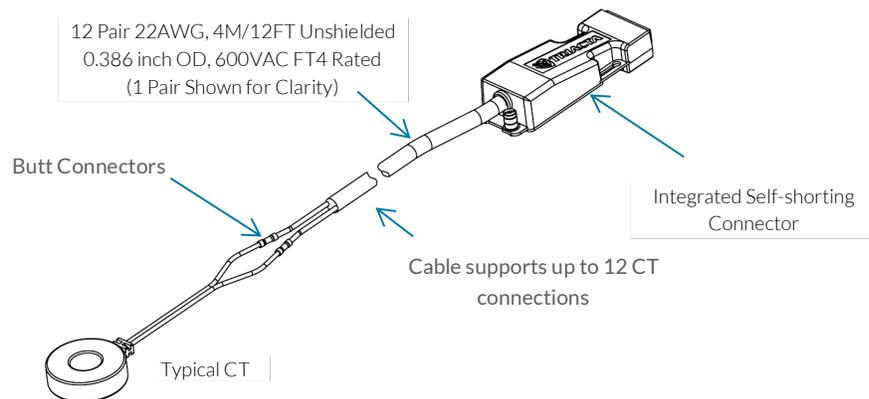
The Triacta Gateway CT Cable with Integrated Shorting is a 4M/12FT long sheathed cable supporting up to 12 CT's connected to a Triacta Gateway GXXXX-XXX-0X system via an integrated self-shorting connector. Each X1/X2 wire pair is automatically shorted together when the integrated self-shorting connector is not connected to a Gateway system.

## Product Numbers and Variants

Product Number	Product Name	Product Description
911-244-01	Gateway CT Cable with Integrated Shorting 12 Pair - 4M/12FT	High-density, Integrated Shorting CT wire harness. Provides 12 color-coded, 22 AWG stranded wire pairs within a sheathed cable (4M/12 FT-0.386" O.D.) Connects with up to 12 CT's via butt-joining. For use with GATEWAY GXXXX-XXXX-0X systems.
911-244-08	Gateway CT Cable with Integrated Shorting 12 Pair - 8M/24FT	High-density, Integrated Shorting CT wire harness. Provides 12 color-coded, 22 AWG stranded wire pairs within a sheathed cable (8M/24 FT-0.386" O.D.) Connects with up to 12 CT's via butt-joining. For use with GATEWAY GXXXX-XXXX-0X systems.
911-244-12	Gateway CT Cable with Integrated Shorting 12 Pair - 12M/36FT	High-density, Integrated Shorting CT wire harness. Provides 12 color-coded, 22 AWG stranded wire pairs within a sheathed cable (12M/36 FT-0.386" O.D.) Connects with up to 12 CT's via butt-joining. For use with GATEWAY GXXXX-XXXX-0X systems.

## Features and Specifications

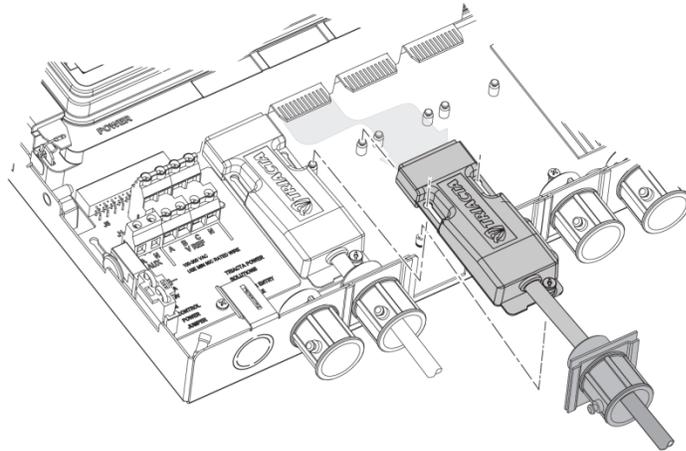
- Integrated self-shorting connector
- Supports up to 12 CT connections
- Cable Length: 4M/12FT, 8M/24FT, or 12M/36FT
- Cable Outside Diameter: 0.386"
- Unshielded, 12 twisted pair, 22AWG, Rated 600V FT-4
- UL Listed to 61010-1, CAN/CSA-C.22.2 No.61010-1-12 (File: E328997)



**Caution:** CT shorting is recommended for all meter installations using milliamp CTs and/or 5 amp CTs with 5A:mA convertors. When CTs are energized, the output X1/X2 wire pair of each CT must always be either connected to a meter or shorted together. Open circuit CTs will generate a hazardous voltage which may damage equipment and/or cause personal injury.

# Installation

1. Remove the filler plate and the mounting screw that were shipped with the Gateway system
2. Pass the bare cable through the filler plate shipped with the Gateway system and a conduit adaptor (not included).
3. Connect X1 and X2 from each CT to the specified color in each color pair as per the connection tables  
**Do not energize any of the CTs until after they are connected to the cable.**
4. Mount the self-shorting connector into the correct slot in the Gateway Base Unit as shown below.



# Color Code Installation Sequence

Gateway CT Wire Harness Color Pair Identification

Gateway CT Wire Harness		
CT Pair #	Connect CT X1 to:	Connect CT X2 to:
1	Black	Red
2	Black	White
3	Black	Green
4	Black	Blue
5	Black	Yellow
6	Black	Brown
7	Black	Orange
8	Red	White
9	Red	Green
10	Red	Blue
11	Red	Yellow
12	Red	Brown