

# GATEWAY™ Pre-Crimped CT Cable Assembly

The Triacta GATEWAY™ Pre-Crimped CT Cable with Integrated Shorting is a sheathed cable, 4M in length, supporting up to 12 CT's connected to Triacta GATEWAY™ systems via an integrated self-shorting connector. Each X1/X2 wire pair comes crimped from the factory and is automatically shorted together when the integrated self-shorting connector is not connected to a GATEWAY system.



Product Specification

## Product Numbers and Variants

Product Number	Product Name	Product Description
911-268-01	Triacta GATEWAY™ CT Whip-12 Pair-(4M/12FT) w/Pre-Crimped 200A:80mA CTs	Triacta GATEWAY™ CT whip assembly with an integrated shorting connector providing 12 color-coded, 22 AWG stranded wire pairs within a jacketed cable (4 m / 12 ft, 0.386 in O.D.). Deploys with GATEWAY™ E000002-type meter base and connects GATEWAY™ meter head with up to 12 CTs via butt-spliced connections. Assembled with 12 qty. pre-crimped and tested 200A:80mA solid-core CTs (PN: 908-319-01).

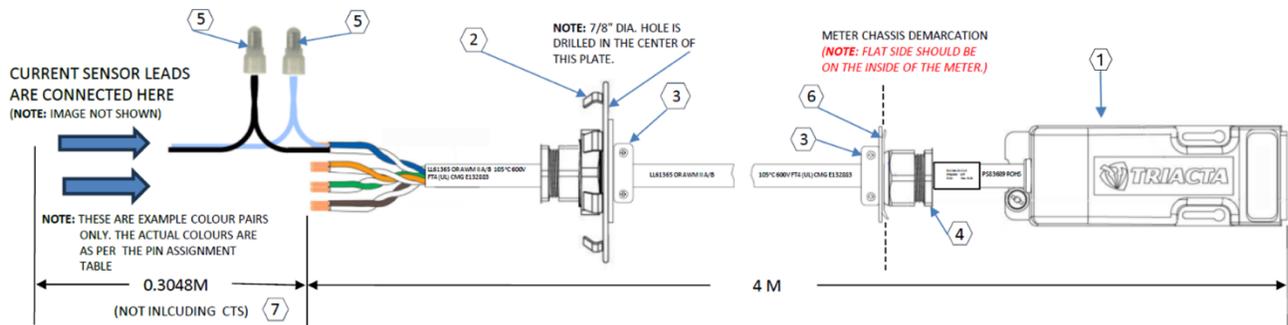
## Features and Specifications

- Integrated self-shorting connector comes crimped, ready to install from factory.
- Assembly includes cable butt-joined with nylon insulated wire joint ready to install.
- Reduces installation time, minimizes on-site paperwork and coordination; and reduces post installation administrative work.
- Comes with a GATEWAY™ Wiring Harness Record Sheet compliant to Measurement Canada SE-04 sealing process.
- 12 x 200A:80 mA solid-core CT connections.
- Cable Length: 4M/12FT (contact sales for other lengths).
- Unshielded, 12 twisted pair, 22 AWG, Rated 600V FT-4.
- UL Listed to 61010-1, CAN/CSA-C22.2 No. 61010-1-12.

## Installation Instructions

- A 2-inch hole is used on the breaker panel to insert the CT's. To connect to the panel, make sure the panel is de-energized.
- Insert CT's through the hole and connect to the panel.
- Run the connector for each breaker through each CT. Each CT of each meter point has a unique position and is expected to be mounted on a specific phase.
- Ensure energy flows in the direction shown on the CT.
- Remove the appropriate filler plate and mounting screw that were shipped with the GATEWAY™ system for the cable assembly.
- Mount the G5 self-shorting connector into the correct slot in the base unit.
- Use the filler plate (6) provided with the assembly to seal off the meter.
- Record installation details on the installation sheet supplied with the cable.

## Dimensions and Clearances



Item	Product Name
1	G5 Integrated Shorting Termination
2	Snap-in Knockout Seal
3	3/8" Romex Con 2 Screws
4	1/2" Plastic Bushing
5	Nylon Wire Joint 18-22 AWG
6	G5 Mechanical Plate, Adapter Plate Combo
7	200A:80mA CT

### CT 12 Pair Cable Connector Pin Assignment for Cable testing

Connector	AMP Connector	Colour			Connector Pin	Amp
J1-01	P1-25	Black	paired with	Red	J1-02	P1-50
J1-03	P1-24	Black	paired with	White	J1-04	P1-49
J1-05	P1-23	Black	paired with	Green	J1-06	P1-48
J1-07	P1-22	Black	paired with	Blue	J1-08	P1-47
J1-09	P1-21	Black	paired with	Yellow	J1-10	P1-46
J1-11	P1-20	Black	paired with	Brown	J1-12	P1-45
J1-13	P1-19	Black	paired with	Orange	J1-14	P1-44
J1-15	P1-18	Red	paired with	White	J1-16	P1-43
J1-17	P1-17	Red	paired with	Green	J1-18	P1-42
J1-19	P1-16	Red	paired with	Blue	J1-20	P1-41
J1-21	P1-15	Red	paired with	Yellow	J1-22	P1-40
J1-23	P1-14	Red	paired with	Brown	J1-24	P1-39

**Note:** Above Amp connector is for PCB 090-143-C.00 test interface when UUT is connected to top gold fingers using P1 text for orientation.