

PT Assembly

3-phase voltage transformer in a 8.39" X 13.53" metal enclosure. Enables source voltages of 347V, 480V, or 600V to connect with Triacta PowerHawk-120V or Gateway meters. Meets all regulatory, electrical safety and ANSI 0.5 Accuracy Class Standards.



Product Specification

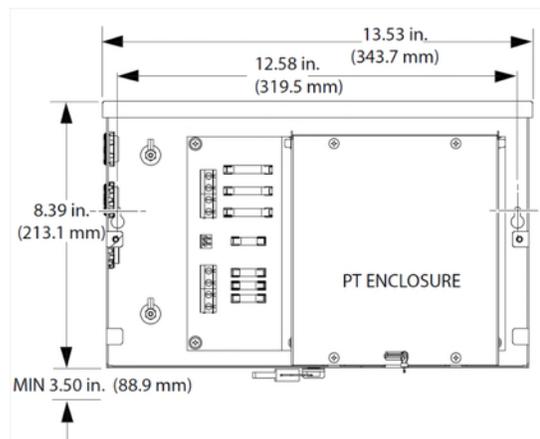
Product Numbers and Variants

Product Number	Product Name	Listings/Approvals for Revenue Applications
912-310-01	Triacta 480V/120V Delta PT Assembly	MC (Canada)
912-311-01	Triacta 347V/600V Wye and 600V Delta PT Assembly	MC (Canada)

Features and Specifications

- Provides step-down voltage connections to Triacta PowerHawk or Gateway meters for metering single-phase to three-phase voltages of 600V, 347V, or 400V.
- Provides both the per-phase input metering sense voltages and the auxiliary input power required by Triacta energy meters
- The 347V Wye / 600V Delta variant can be configured to support either:
 - 347V, three-phase, 4-wire wye
 - 600V, three-phase, 3-wire delta
- The PowerHawk 480V Delta variant supports:
 - 480V, three-phase, 3-wire delta
- Each PT Assembly can support up to two Triacta meters
- All voltage inputs and outputs are fused.
- Included in Measurement Canada NOAs: AE-1665, AE-1919

Internal View and Dimensions



Specifications

Specification		Value
Dimensions		
Height		8.39 in. (21.31 cm)
Width		13.53 in. (34.37 cm)
Depth		2.125 in. (5.4 cm)
Weight		112.5 lbs. (5.67 kg)
Fuse Ratings		
High voltage inputs	F1	T315 mA, 1000V
	F2	T315 mA, 1000V
	F3	T315 mA, 1000V
Voltage outputs	F4	T250 mA, 250V
	F5	T250 mA, 250V
	F6	T250 mA, 250V
	F7	T250 mA, 250V
Transformer specifications		
Input voltage	600V	Voltage tolerance: +/-10%
	480V	Voltage tolerance: +/-10%
	347V	Voltage tolerance: +/-10%
Output voltage	120V	Accuracy: 0.3%
Environmental		
Operating temperature		-40 to 158°F (-40 to 70°C)
Operating humidity		5% to 90% non-condensing
Usage environment		Indoor or enclosed outdoor environment
Maximum altitude		9843 ft (3000 m)
Pollution degree		2

Connection Requirements

- In all installations, the PowerHawk PT Module must be connected to the source panel voltage through a 15A maximum disconnect or breaker that disconnects all line and neutral wires, so that the PT module can be powered down.
- The disconnect or breaker must be located within easy reach of the meter operator, and must be labeled to identify the PowerHawk PT module and PowerHawk meter that it is connected to.
- The disconnect or breaker device must meet IEC 60947-1, IEC 60947-3 and/or comply with the local electrical code.