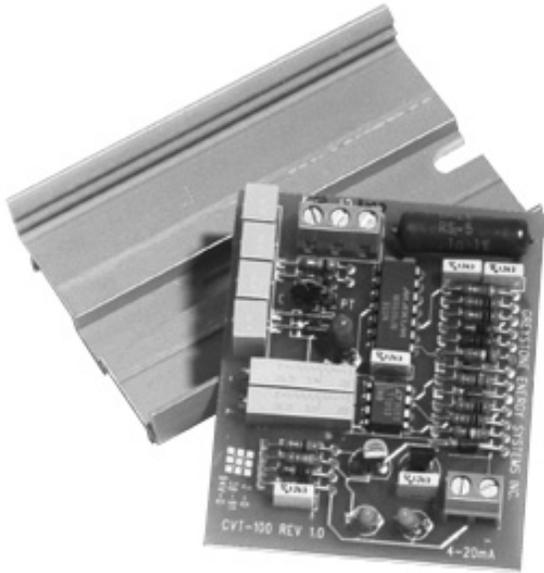


# CT/PT INPUT TRANSDUCER

CVT-100



## FEATURES

- True RMS-DC conversion
- CT or PT input (pin selectable)
- Loop Powered
- Reverse voltage protection
- CSA NRTL/C approval (Canada/USA)

## APPLICATIONS:

- Power consumption monitoring
- Overload detection

The CVT-100 accepts a 0 to 5 Amp RMS current from a CT, or a 0 to 20 Volt RMS voltage from a PT, and converts it to a proportional DC current loop. The CVT-100 incorporates a true RMS conversion which is corrected for all types of waveforms, and therefore can be used with a wide variety of load types: SCR, TRIAC, Inductive motors, etc.

## SPECIFICATIONS:

<b>Power Supply:</b>	10 – 32 Vdc	<b>Accuracy:</b>	±1% Full Scale Output
<b>Current Consumption:</b>	26 mA (max.)	<b>Op. Temperature:</b>	0° - 70°C (32° - 158°F)
<b>Input Signal:</b>	0 – 5 Amp RMS (CT) 0 – 20 volt RMS (PT)	<b>Op. Humidity:</b>	0 – 95% RH non-condensing
<b>Input Impedance:</b>	0.1Ω (CT) 15KΩ (PT)	<b>H x W x D:</b>	19 x 57 x 70 mm (0.75" x 2.25" x 2.75")
		<b>Mounting:</b>	Snap Track (factory supplied). Optional Enclosures

## CVT-100: PRODUCT ORDERING INFORMATION

CODE	Enclosure Options	CODE	Input Options
A	Snap Track	1	CT (0 – 5 Amp)
B	NEMA 1	2	PT
C	NEMA 4		

### ORDER EXAMPLE:

To order a:

**CVT-100 with SNAP TRACK, CT INPUT 0 – 5 AMPS**  
the following order number would apply:

**CVT-100-A-1**

Greystone Energy Systems Inc. reserves the right to make design modifications without prior notice. Not intended to be used as life saving devices.