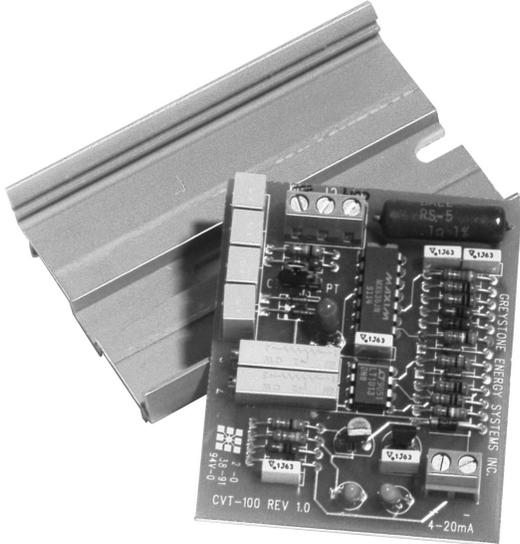


# CT/PT INPUT TRANSDUCER

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 conversions which is corrected to all types of waveforms, and therefore can be used with a wide variety of load types: SCR, TRIAC, Inductive motors, etc.

**NOTE: PT option includes 115/20 Vac transformer. For other potential transformers, contact Greystone.**

## SPECIFICATIONS:

**Power Supply:** 10 – 32 Vdc  
**Current Consumption:** 26 mA (max.)  
**Input Signal:** 0 – 5 Amp RMS (CT)  
0 – 20 Volt RMS (PT)  
**Input Impedance:** 0.1 ohm (CT) 15K ohm (PT)

**Accuracy:** ±1% Full Scale Output  
**Op. Temperature:** 0 to 70°C (32 to 158°F)  
**Op. Humidity:** 0 – 95% RH non-condensing  
**H x W x D:** 19 x 57 x 70 mm (0.75" x 2.25" x 2.75")  
**Mounting:** Snap Track (factory supplied) Optional Enclosure

## CVT-100: PRODUCT ORDERING INFORMATION

CODE	Enclosure Options	CODE	Input Options
A	Snap Track	1	CT (0-5) AMP
B	NEMA 1	A4	PT

## ORDER EXAMPLE:

To order a:

**CVT-100 with SNAPTRACK, CT INPUT –0-5 AMPS**

The following order number would apply:

**CVT-100-A-1**



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Canada E1E 4G7

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North America: 1-800-561-5611  
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**RoHS**  
COMPLIANT



*Greystone Energy Systems Inc., established in 1983, is one of North America's largest manufacturer of HVAC sensors and transducers for Building Automation Management Systems. We have conscientiously established a worldwide reputation as an industry leader by maintaining leading-edge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9001 certified, assuring our customers of consistent product reliability.*