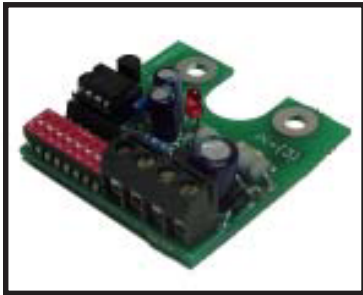# CVRT
Intelligent Control Module

FEATURES:

- Input accepts 0-135 ohm, 4-20mA, 0-5V, 0-10V & potentiometer command signals
- Four different cycle times
- Drives multiple Solid State Relays (SSRs)
- Mounts on SSR input terminals
- Fits under finger safe covers
- LED output indicator

The microprocessor based CVRT is designed for use in a broad range of power control applications. The CVRT mounts directly on the input connections of a SSR and provides 0-100% pulse width modulation drive based on the input signal. The CRVT can be dip switch configured for more than five different command signals and four cycle times.

SPECIFICATIONS

Command Inputs	Configurable with dip switch for 0-135ohm, 0-10V, 0-5V (pot), or 4 to 20mA
Control Output	Provides 0-100% time proportioning bsed on command signal input. 10mA/10V drive. Control output is direct acting for each input.
Cycle Times	Configurable with dip switch for 200mS, 1 sec, 10 sec, or 100 sec.
Output Resolution	0.5% for 4 to 20mA, 0-5V and 0-10V ranges. 1% for 0-135ohm range.
Output Linearity	1.5% for 4 to 20mA, 0-5V and 0-10V ranges. 5% for 0-135ohm range.
External Potentiometer	1K - 20K ohms.
Power Supply	24VAC +/- 10% or 20-32 VDC, less than 2 Watts power consumption.

INPUT AND CYCLE TIME SWITCH CONFIGURATION

INPUT	1	2	3	6	7
0-135 Ohm	ON	OFF	OFF	ON	OFF
4-20 mA	OFF	ON	OFF	OFF	ON
0-10 V	OFF	OFF	ON	OFF	OFF
0-5 V	OFF	OFF	OFF	OFF	OFF
2-10 V	OFF	OFF	ON	OFF	ON
1-5 V	OFF	OFF	OFF	OFF	ON
0-20 mA	OFF	ON	OFF	OFF	OFF

CYCLE TIME	4	5
200 mS	OFF	OFF
1 S	ON	OFF
10 S	OFF	ON
100 S	ON	ON