



- NOTES**
- Transformer can be wound in any manner.
  - Select voltage divider resistor values for R1 and R2 to produce 40V across R1 at full output voltage.
  - Adjust CURRENT LIMIT on-board trimpot and/or external command for desired load current limit (0-12V)
  - Adjust VOLTAGE LIMIT on-board trimpot and/or external command for desired load voltage limit (0-12V)
  - Adjust CURRENT TRIP on-board trimpot for desired load current trip threshold
  - Opening SOFT OFF/ON switch enables the SCRs with delay angle ramped from a large value to the set-point value.  
Closing the SOFT OFF/ON switch inhibits the SCRs after the delay angle ramps from the set-point value to a large value.
  - Closing the INSTANT OFF/ON switch instantly enables the SCRs.  
Opening the INSTANT OFF/ON switch instantly inhibits the SCRs.
  - Opening of the over-current relay contact instantly inhibits SCRs.
  - K2 (24 Vdc coil) is energized and K2A closes when SCRs are enabled.
  - Unit gain buffer amplifier voltage and current DC output signals at COM.  
Voltage output signal: 1V = 80VDC    Current output signal: 1V = 250 Adc.
  - Optional START/STOP/RESET commands. Optional contact for enabling and inhibiting gating and for resetting an over-current trip condition.
  - Remote Status Current, Voltage Trip, Manual Trip, and Current Limit Drivers with a maximum 500mA output collector current per output.
  - Firing board: Jumperd6-9 to J6-19 must be installed to connect +12V to 3-5.
  - Resistor R-68.1Ω installed for maximum 0.2V voltage read-back signal limit.

<b>ENERPRO</b>	
TYPICAL: CVR600	
<b>E2340</b>	
SIZE: A	SHEET 1 OF 1