



NOTES

1. Phase sequence may be positive or negative.
2. Select attenuator resistors R1 and R2 to for 4.0 VDC feedback with full load SCR output voltage.
3. Adjust CURRENT LIMIT trimpot for desired load current limit with +12V CURRENT REFERENCE signal applied.
4. Adjust VOLTAGE LIMIT trimpot for desired load voltage limit with +12V VOLTAGE REFERENCE signal applied.
5. Adjust CURRENT TRIP trimpot for desired load current trip threshold.
6. Opening SOFT OFF/ON switch enables the SCRs with delay angle ramped from a large value to the setpoint value. Closing the SOFT OFF/ON switch inhibits the SCRs after the delay angle ramps from the setpoint value to a large value.
7. If an instant trip is desired: Remove jumper position at TB1-9 and insert switch as shown. Closing the INSTANT OFF/ON switch instantly enables the SCRs. Opening the INSTANT OFF/ON SWITCH instantly inhibits the SCRs.

8. K2 (24 Vdc coil) is energized and K2A closes when SCRs are enabled.
9. For 50Hz operation: RN2 = 150k , install P10 in positions 1 & 2. For 60Hz operation: RN2 = 120k , install P10 in positions 2 & 3.

		ENERPRO	
		CONNECTION DIAGRAM: CVR600 with mounting panel	
Approvals	Date	-4 version with Øref from primary. 240/480V Supply	Dwg. No. E1031-4
drwn ppd	10-7-97		
Version	10-28-98	CUSTOMER: Zinex	Sheet 1 of 1