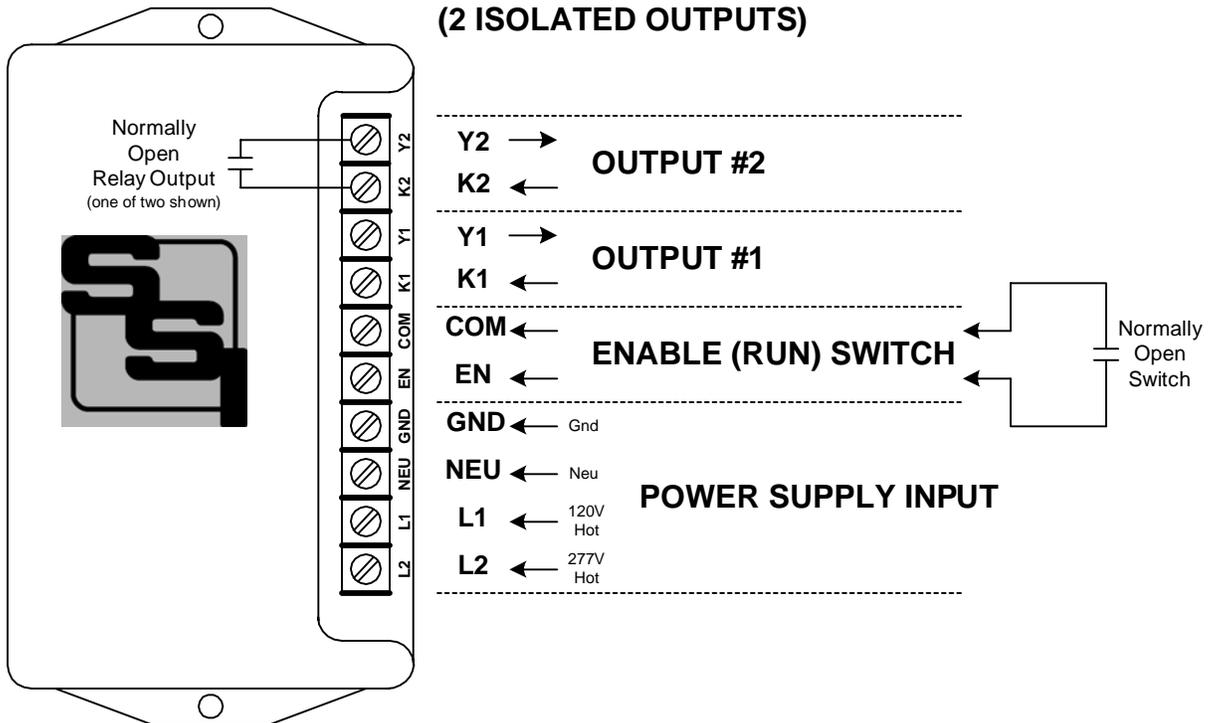


# INSTRUCTION SHEET

## ETR-3B EVENT TIME BASE RELAY

(2 ISOLATED OUTPUTS)



**MOUNTING POSITION** - The ETR-3B may be mounted in any position.

**POWER INPUT** - The ETR-3B can be powered by an AC voltage of between 90 and 135 VAC, or 208 to 277VAC. For 120V operation, connect the hot lead to the L1 terminal. Connect the neutral lead to the NEU terminal. For 277V operation, connect the hot lead to the L2 terminal. Connect the neutral lead to the NEU terminal. Connect the GND terminal to the electrical system ground. The ETR-3 cannot be used with the DCS-2 DC power supply since it needs to see the 60Hz line frequency to count clock pulses.

**ENABLE (RUN) SWITCH** - Connect a dry-contact switch between the common (COM) and enable (EN) terminals. When the switch is *closed* or making connection, the timer will run. One output pulse will occur per minute while the enable input is activated. If the switch is opened between pulses, the contents of the count register are held in memory as long as power is not cycled. Counting continues on from where it left off when the enable input is again closed. For continuous operation when power is on, simply jumper COM to EN.

**OUTPUTS** - Two 2-wire isolated dry-contact outputs are provided on the ETR-3 B, with output terminals K1 & Y1, and K2 & Y2. Arc suppression for the contacts of the solid state relays are provided internally.

**FUSES** - The fuses are type 3AG and may be up to 1/10th Amp in size. 1/10th Amp fuses (F1 & F2) are supplied standard with the unit.



## SOLID STATE INSTRUMENTS

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