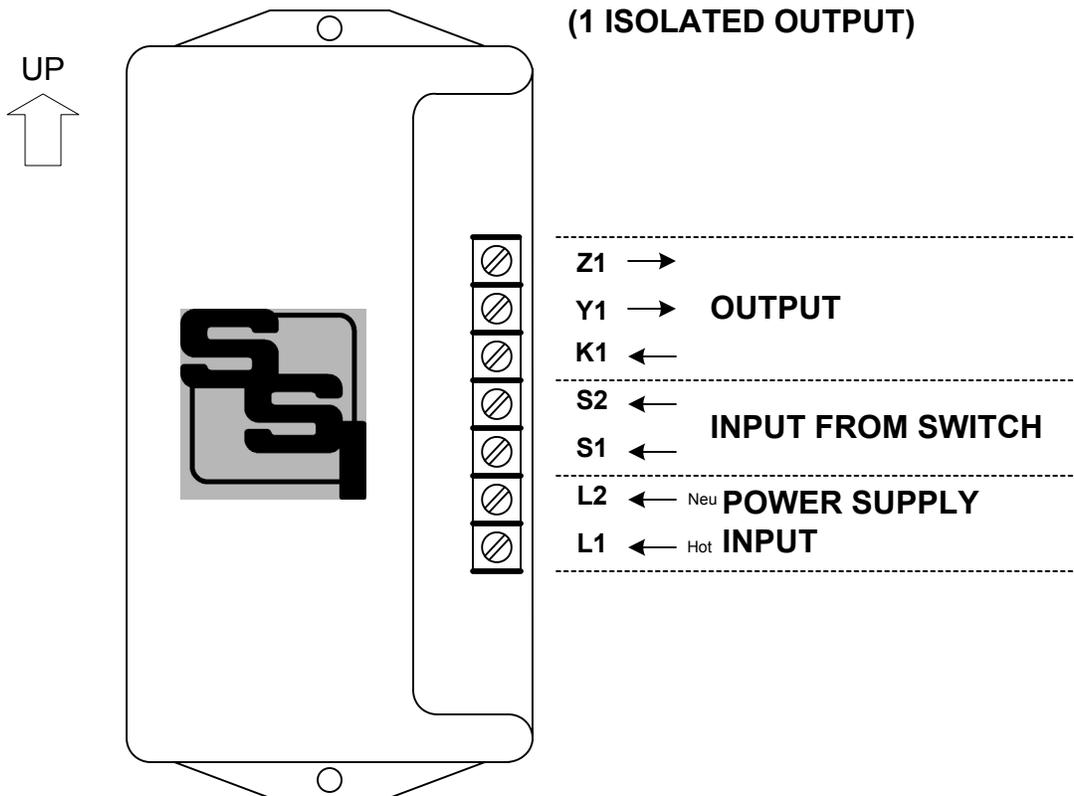


INSTRUCTION SHEET

ETR-1 EVENT TIMING RELAY

(1 ISOLATED OUTPUT)



MOUNTING POSITION - Because the ETR-1 contains a mercury-wetted relay, it must be mounted in a vertical position to operate correctly.

POWER INPUT - The ETR-1 should be powered by an AC voltage of between 90 and 135 volts. The hot lead should be connected to the L1 terminal and the neutral to the L2 terminal.

SWITCH CONNECTIONS - Commercial AC power or a DC source (85 to 135VAC or VDC) should be connected to input terminals "S1" (negative for DC) and "S2" (positive). The switch on the device being monitored should be connected in a manner so as to provide power to the S1 and S2 terminals only during the time an output is desired. One output pulse will occur per second while the switch input is activated.

OUTPUTS - One three-wire isolated output is provided on the ETR-1, with output terminals K, Y and Z. The K terminal is common. Arc suppression for the contacts of the mercury-wetted relay is provided internally. For each change of the input state, the output of the relay will change state.

FUSES - The fuse is a type 3AG and may be up to 1 Amp in size. A 1/2 Amp fuse (F1) is supplied standard with the unit unless otherwise specified.

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