



**Hazardous voltage can cause severe injury or death.**

Disconnect inner panel harness at in-line connector. This will de-energize circuit board and logic circuitry, but allow transfer switch to continue to supply utility power to necessary lighting and equipment. Hazardous voltage will exist if any accessories mounted to inner panel are NOT wired through and de-energized by harness separation. Such accessories may be at line voltage.

**CAUTION**

To prevent damaging the four-lead ribbon connector, place ribbon inside when installing logic cover.

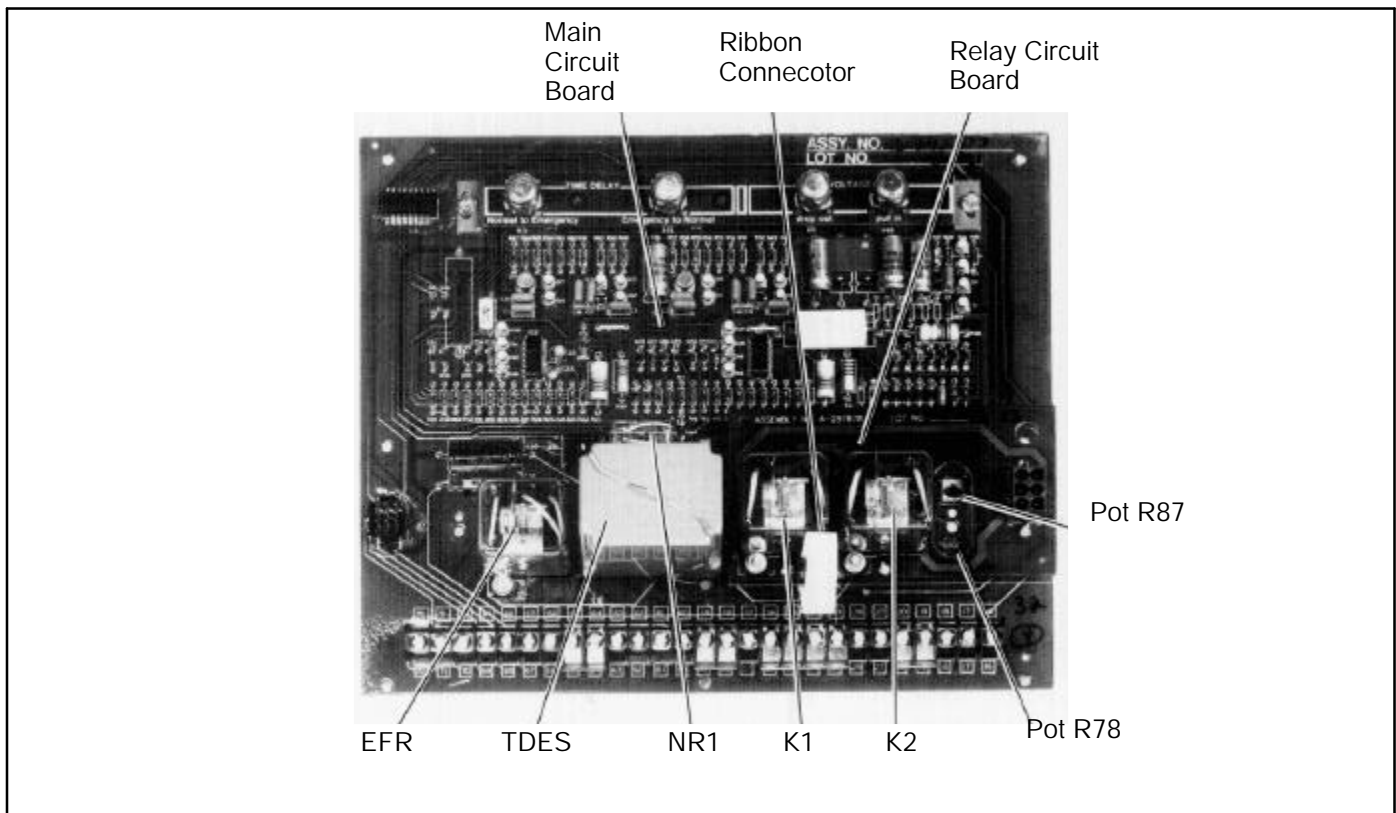
**CAUTION**

EFR relay 295318 (12 vdc) replaces relay 295254 (12 vac) on A-circuit boards. These relays are not interchangeable.

**NOTE**

Relays (EFR, TDES, NR1, K1 and K2) are serviceable individually. Test and replace the components before replacing the circuit board.

Potentiometers R78 and R87 were calibrated at the factory and should not be adjusted. Do not tamper with these settings.



**Figure 1. New Circuit Board (Typical)**