



## SOL-TFS-NF– A9-4330 PC93

---

### SOL-TFS-NF (Trigger Fuse Fail Detector – One SCR)

The SOL-TFS NP is a non-latching, non-failsafe all solid-state voltage sensitive relay, except for the output power relay which has SPDT contacts rated 10 amps @ 125V resistive.

It is used specifically with the Rapid Power rectifier fuse failure system, and its trip-point is factory present to a fixed voltage setting. Power for the SOL-TFS-NF is applied at pins 5 and 6 of the relay (115 VAC). Trip signal from the voltage sources is at pins 2(+) and 7(-), and the output contacts are at pins 1 (common), 3 (N.C.) and 4 (N.O.). Once power is applied to pins 5 and 6, the relay remains in its de-energized state. When a voltage appears at the sensing terminals (due to one SCR fuse failure), the relay will energize and remain in the energized condition until the fuse and its associated trigger fuse, are replaced. The SOL-TFS-NF will then return to its de-energized state.

This voltage sensitive device is only recommended for use in customers control circuits where separate starting circuits and alarms are involved.

