After building the "Compressor Guard" (June 1978), I encountered a problem. The red LED can draw enough current to prevent the relay from dropping out. The LEDs would change, but the relay would remain energized. I solved the problem by installing an 8.2-volt zener diode (1N756 or similar) in series with LED1. The cathode end of the zener diode goes to the LED2/D3 relay junction.

while the anode end goes to the anode terminal of LED1.-James P. Donovan, Louisville,