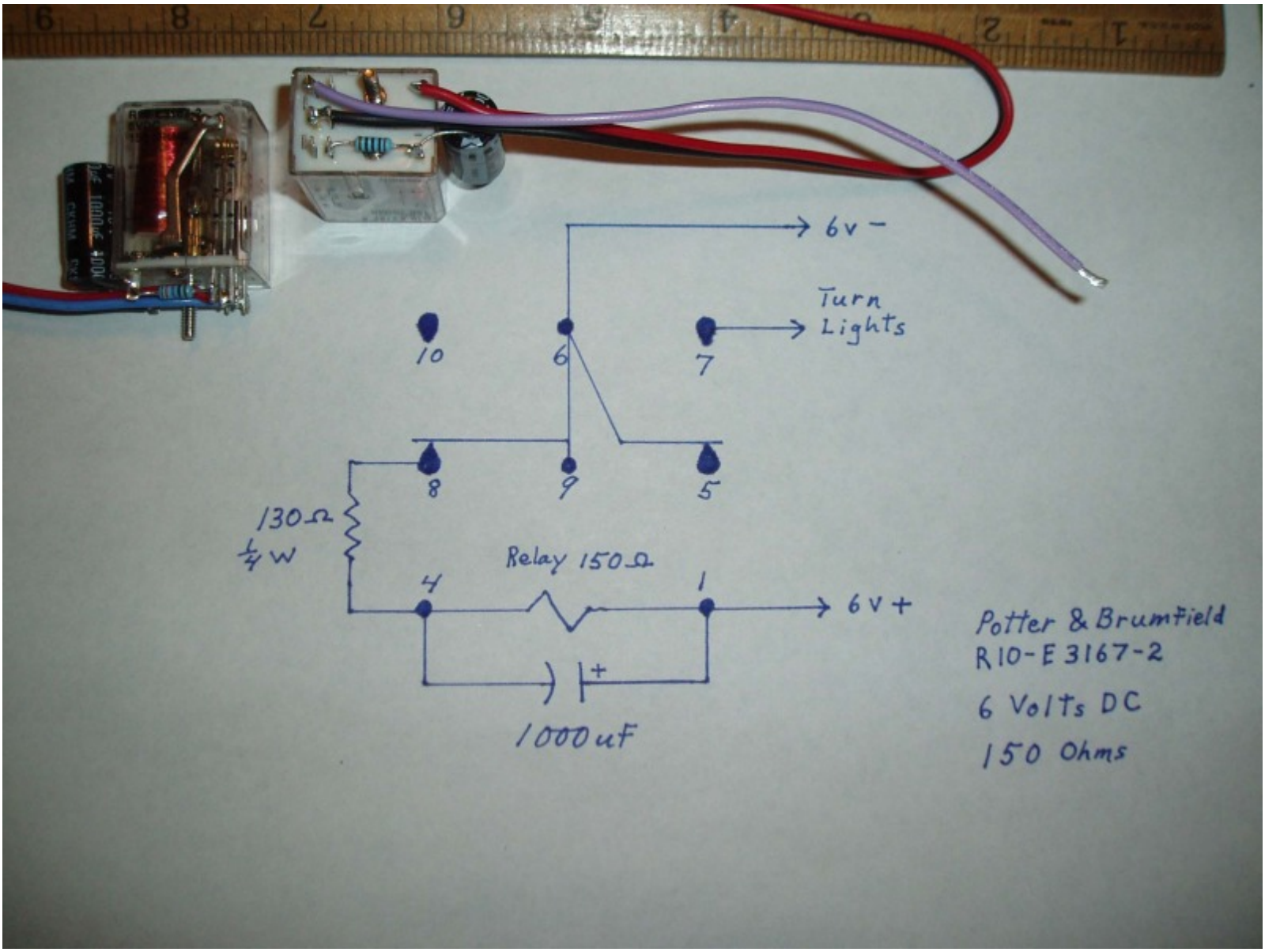


This easy to make turn signal flasher isn't load sensitive, so it will flash at the same rate with a load from zero to 7 1/2 amps, which is the rating of the contacts.

It is made from 1 resistor, 1 capacitor, and 1 relay. The relay I used happens to be 150 ohms, and by using a 1000 microfarad capacitor the relay will cycle at the correct rate. Adding more microfarads will slow the rate of flash, and lowering the mocrofarads will increase the flash rate.

The value of the resistor will determine how long the lights stay lit for each cycle. Lowering the ohms will increase the ON time of the bulb for each cycle. I used a 130 ohm resistor for the first flasher I made, but had to drop to a 100 ohm for the second flasher to work the same. Both relays measured exactly 150 ohms on the coil, so I'm guessing the spring pressure must have been a bit more on the second flasher I built.

The red wire connects to ground, the black wire to negative 6 volts, and the blue (or violet) wire feeds power to the turn signal bulbs.