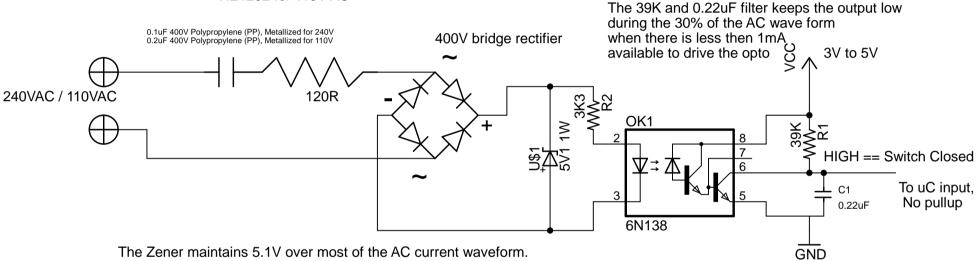
RE1201 for 240V AC RE1202 for 110V AC



The 3K3 resistor sets the maximum opto current to ~1mA over 70% on the input AC wave form.

The Capacitor in the RE1201 will pass higher currents for higher

frequencies, harmonics, spikes etc.

The zener will shunt these higher currents to protect the opto which itself also has surge handling 1A for <1uS