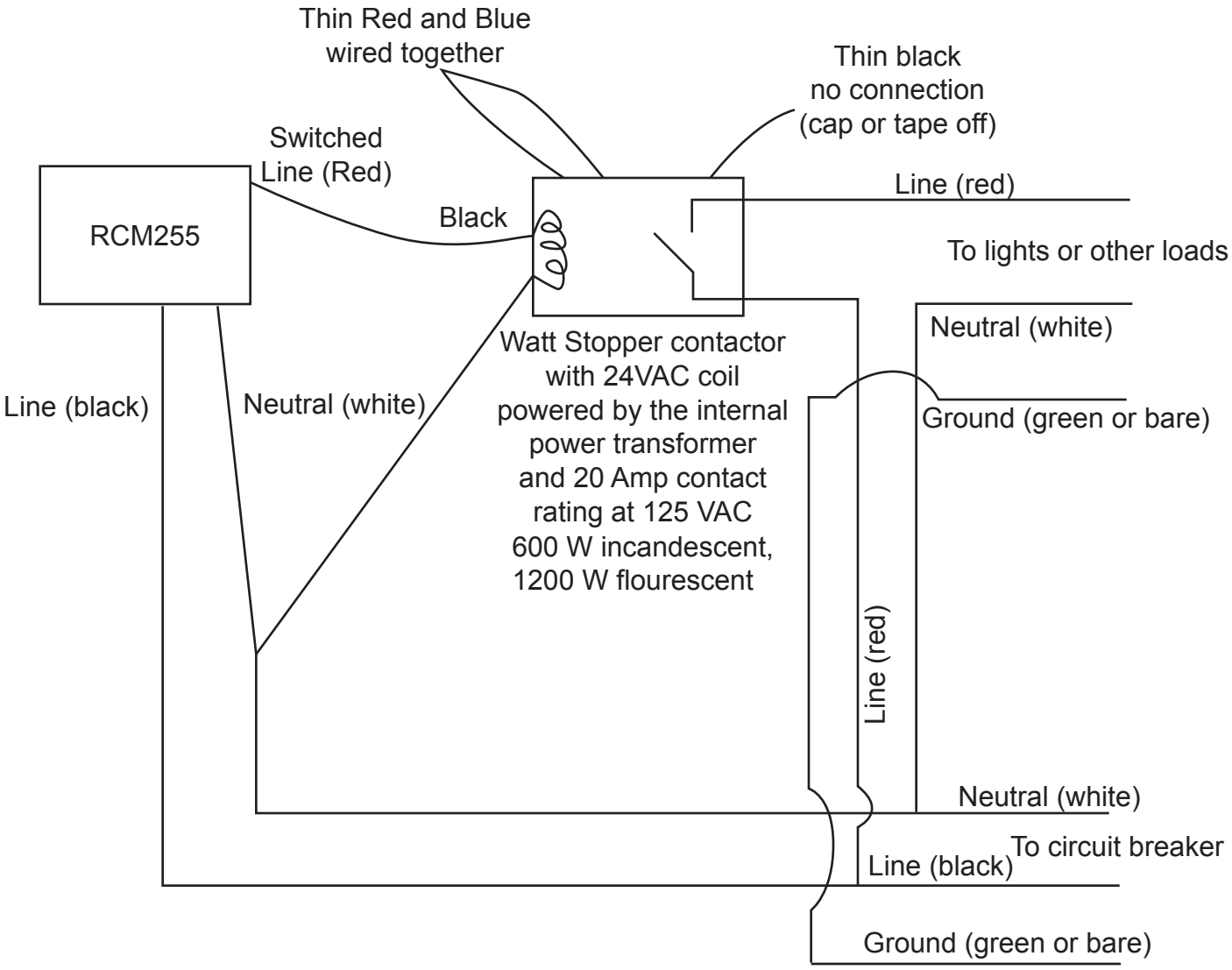
Using the RCM255 to control higher currents (and/or voltages)

The RCM255 devices are designed to control fairly low currents (3 to 8 Amps, depending on the load characteristics - 1000 W resistive/heater, 200 W incandescent/tungsten, or 360 W flourescent/ballast). In order to control higher current or voltage lighting loads, motors, and so on, some type of signal buffering must take place. A common way to do this is to install a 120 VAC electrical contactor (a large relay controlled by 120VAC power) that control the high power load, and control the contactor with the RCM255. When building this type of system, all electrical codes must be observed and safety precautions taken. **Ad Hoc Electronics will not be liable for incorrect installation or unsafe conditions due to incorrect installation.**