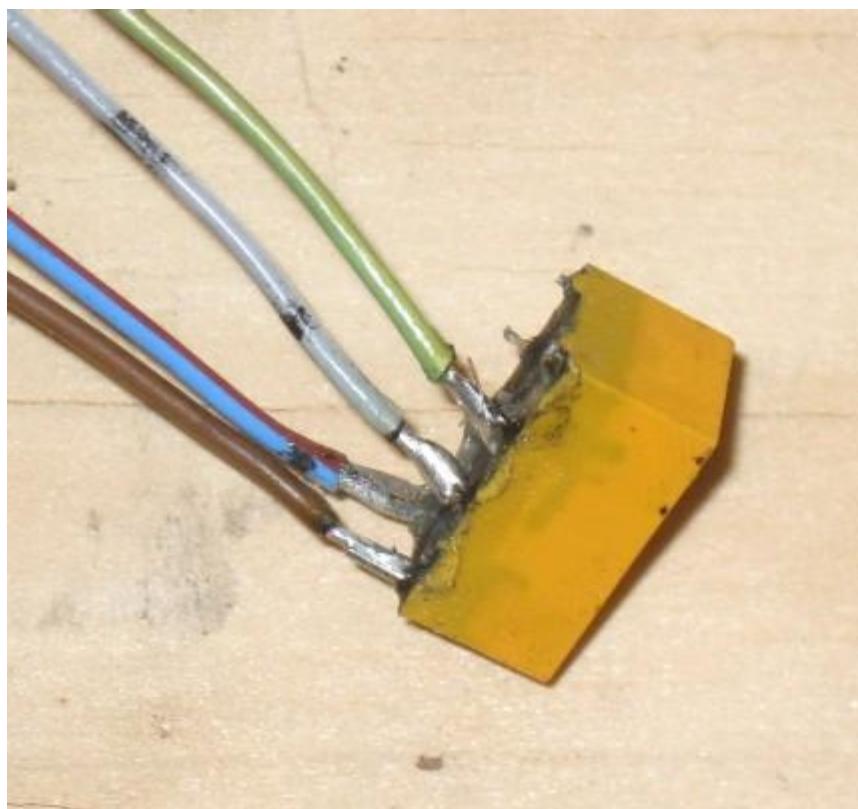


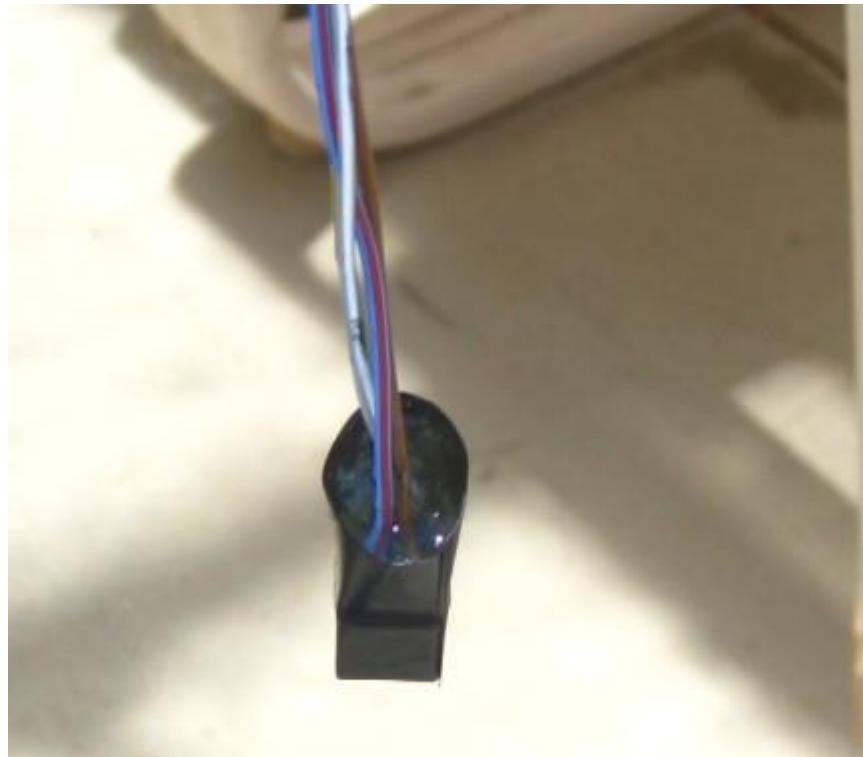
## Waterproof Micro Relays

These are handy for running LEDs and other low load electrical devices. What I use is 12V DPDT PCB (printed circuit board) relays. These can be purchased on eBay or from online electronics retailers like Newark or Mouser.

On some of them the "trigger" terminals are polarized, on some they aren't. You can test this (and the input/output terminals) using a 9V battery. Once I've determined the polarity of the trigger terminals and which terminals I want to use (normally open or normally closed,) I snip off the pins I won't be using and solder wires to the terminals I will be using.



Then I wrap it in electrical tape, hang it upside down and fill the electrical tape with either five minute epoxy or JB Weld.



Here's a couple of examples of relays I've made. The one on the left is a two amp relay and the one on the right is an eight amp relay.

