

Re: alarm switch

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- *From:* "David L. Jones" <altzone@xxxxxxxxxx>
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"steve" <kvsteve@xxxxxxxxxx> wrote in message
news:a2c5fbe6-6beb-40f3-a0e1-3e1656e5e955@xx

I require alarm systems for both personal and house.

From seeing various alarm projects, there is no detail about how the alarm is set off.

For example, a house alarm could be triggered by opening a door.

But the diy circuit notes merely say that power supply will trigger the alarm on.

There should be a special kind of switch that will sense motion, or breakage of a (window) latch, etc.

Passive IR sensors are used to detect "movement"
http://en.wikipedia.org/wiki/Passive_infrared_sensor

Piezoelectric vibration sensors are used to detect window breakage:
http://en.wikipedia.org/wiki/Piezoelectric_sensor

Magnetic reed switches are used to detect door and window opening etc.
http://en.wikipedia.org/wiki/Reed_switch

A bit of advice – DON'T try and build your own alarm, it's waste of time, but one that is properly designed to be reliable and bug free to prevent false alarms.

Dave.

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