Re: Beginner question on resistance

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- *Date*: Thu, 22 Mar 2007 23:36:00 −0700

On Thu, 22 Mar 2007 21:50:56 −0500, AB <spammenot@xxxxxxxxxx> Gave us:

> Now many that post on alarm forums say to limit the series wired
> contacts to 3 per transmitter...but other alarm guys say you can add
> "as many as you want as long as you don't increase the resistance too
> much". There aren't any hard and fast rules it seems. I'm wondering
> how you will know how many contacts is too many...when the alarm goes
> off?? What is "too much"

That depends on the alarm circuit.

The way to test it is place a potentiometer in that location, and increase the resistance until you get a trigger event.

Read the resistance of the pot, then read the resistance of a given length of connection wire, and switches.

As long as you are a good deal (say 20%) below that value in resistance, you won't cause any false triggers.
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