

Re: AC Proximity Detector

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- *From:* ehsjr <ehsjr@xxxxxxxxxxxxxxxxxxxx>
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Rich Grise wrote:

On Wed, 05 Sep 2007 11:43:39 -0400, Spehro Pefhany wrote:

On Wed, 05 Sep 2007 07:46:19 -0700, Richard Henry

On Sep 4, 9:34 am, Don Lancaster <d...@xxxxxxxxxx>
wrote:

monolo...@xxxxxxxxxx wrote:

Out of curiosity – how do those hand held AC proximity sensors work ? (e.g. the pen sized devices that you hold near to a live mains wire which light up when AC is present). Is there an off the shelf IC that you can purchase to make one yourself ? Anyone have a circuit diagram for one ?

Reason for asking, I want to build an electronic circuit to detect the presence of 240v in a wire – without disturbing the wire.

Re: AC Proximity Detector

<http://www.tinaja.com/glib/muse89.pdf>, of course.

Your battery symbol is upside-down.

Yeah, I've always thought that it should be the opposite, since the can on carbon-zinc batteries is the (-), but that's the standard..

So, then, Don's symbol is "right" in that the thick black one, the carbon, is plus, and the thin line, the zinc envelope, is minus.

That's the way I've always done it, and I don't care if everybody else in the world does it wrong. ;-)

Cheers!
Rich

:-)

As long as you label the side you designate as + it won't be misunderstood, even if you do it **right**.

:-)

Ed

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