

AC Proximity Detector

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2007-09/msg00571.html>

- *From:* monolog99@xxxxxxxxxx
 - *Date:* Mon, 03 Sep 2007 14:02:01 -0700
-

Hi,

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.

Many thanks,
Tim.

.