

Re: Low-voltage diac?

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From: Reinhard Zwirner (reinhard_zwirner_at_web.de)

Date: 12/31/04

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Gerard Bok schrieb:

>
> *On Thu, 30 Dec 2004 17:06:20 +0100, Reinhard Zwirner*
> *<reinhard_zwirner@web.de> wrote:*
>
> *>Neil Preston schrieb:*
> >>
> >> *Is there available a DIAC with breakover voltage ratings in the 5-15V range?*
> >> *Or an equivalent device?*
> >>
> >> *All I've seen so far are in the 50-60v range.*
> >>
> *>Maybe 2 zeners connected "back-to-back" could work; "breakover"-voltage*
> *>would be $[U_z + 0.7]$ V.*
>
> *The original message read "... and I need the negative resistance*
> *characteristics ..." :-)*
>
> *Your solution will mimic a low voltage diac but won't provide the*
> *negative resistance characteristics.*

You're right; I've just read the first part of Neil's message <sigh>.

On the other hand I successfully built a low voltage dimmer with such a "diac" a few years ago.

Greetinx

Reinhard