

Re: snubber resistor power rating?

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From: Arie de Muynck (*send.spam.to_at_spammer.org*)

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AAArrghhh...

OK, here's the right drawing:

"Arie de Muynck" ...

>

> *Ken Smith"*

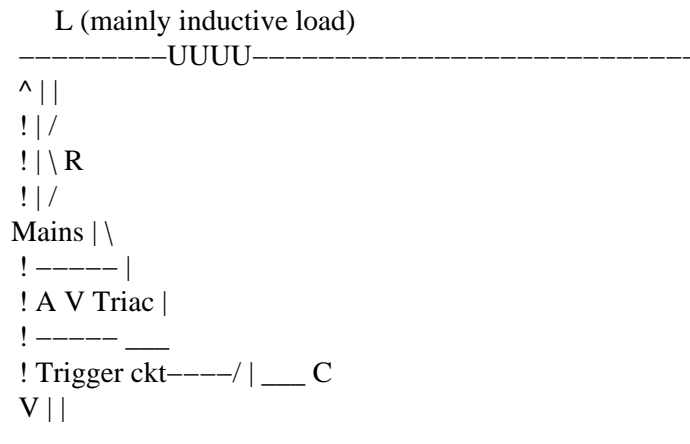
>> *Is this what we are dealing with here:*

>> ...

>> *If so, how does the [triac] get turned off with a current flowing in the
> load?*

>

> *No. It is:*



> *The triac turns off at the zerocrossing of the current through it. Since
the*

> *mains voltage will be about maximum then, the snubber limits the slewrate,
> preventing the turnon by excessive dV/dt.*

> *The resistor provides damping of the turnoff efect. It also limits the
> current when the triac fires at turnon:*

> $I(pk) = V_{mains}(pk) / R$

> *and this discussion is about how a 2W 47 Ohm resistor likes that hefty*

> *spike...*

>

sci.electronics.design: Re: snubber resistor power rating?

> *Regards,*
> *Arie de Muynck*
>
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