

Re: Looking to Cross ref a Diac & Triac set

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- *From:* Eeyore <rabbitsfriendsandrelations@xxxxxxxxxxx>
 - *Date:* Wed, 18 Apr 2007 11:57:46 +0100
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Tim wrote:

rabbitsfriendsandrelations@xxxxxxxxxxx says...

Tim wrote:

Hello again, I have a circuit for an electronic Variac that uses a Diac and Triac to control the output. It looks like a glorified dimmer circuit. Anyways it uses part # MAC2-4 for the triac and MPT-28 for the trigger diode (diac). I haven't been able to cross reference these puppies on the net. I hav checked the usual sources, but came up empty.

Hmmm, this circuit was drawn in 2005, August 18th to be exact. It's strange that the guy used old parts in the design.

It mnay simply be what he had in his box of bits !

It also appears that he has spec'd and drawn a triac, but the pins are marked cathode, anode and gate, like an SCR. I think it should have MT1, MT2 and gate for a triac.

It should.

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The schematic is here;

<http://homebrewradio.tripod.com/id58.html>

They are non-critical as previously mentioned by others. Choose a triac to suit your load. It's basically a triac based dimmer. Check any other similar designs online for comparison.

Did you spot the deliberate mistake btw ?

Graham

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