

function of multisync relay

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- *From:* Choreboy <choreboyREMOVE@xxxxxxxxxxxxx>
 - *Date:* Sun, 12 Jun 2005 16:10:43 -0400
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I have an NEC MS75 CRT monitor that's 3 or 4 years old. Lately there have been times when the horizontal sweep shrinks slightly, for less than a second. It can happen every couple of minutes or not happen for several hours.

I seem to recall something similar with my last monitor before it suddenly failed. There's a relay that clicks when I change resolutions or put the computer to sleep. I suspect this relay because I do these things much more than other computer users I know. I have found reports online that with other monitors this relay has been associated with narrowing of the display.

What is the function of this relay? NEC says it closes when you go to 800x600 or higher. That seems to be true; of my five available resolutions, there are two transitions where the relay doesn't click. However, it clicks twice when I go to or from 1024x768.

It clicks once when the monitor is put to sleep or waked. The screen goes momentarily black any time I switch resolutions, whether or not the relay clicks, so the relay doesn't cut power to the flyback.

Not understanding the function of the relay, I'm afraid it could cause a sudden monitor failure.

This relay has an SA surrounded by a C.
It is labeled VBT12TBU-5.
1/6 HP 120 VAC
5A 24VDC.
0124L2.
How can I get a replacement?
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- *Follow-Ups:*
 - ◆ **Re: function of multisync relay**
 ◇ *From:* William R. Walsh
 - ◆ **Re: function of multisync relay**
 ◇ *From:* mike

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