

## Re: 50 hz timer motor

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*Source:* <http://sci.tech--archive.net/Archive/sci.electronics.repair/2005-11/msg01086.html>

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- *From:* [etphonehm@xxxxxxxxxx](mailto:etphonehm@xxxxxxxxxx)
  - *Date:* 17 Nov 2005 17:56:56 -0800
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Ron(UK) wrote:

- > On that type of timer, the timer motor is usually wired through a pair
- > of the timers own contacts so that the timer pauses during the first
- > part of the fill – and on some machines, the initial part of the water
- > heating. The pressostat (water level switch) and/or the thermostats are
- > responsible for re applying power to the timer motor to move it on past
- > the pause state. The water is heated to a given temperature until the
- > thermostat closes, then the rest of the heat cycle is a timed event.
- > The drain cycles are just a timed event once the pressure switch opens.
- > If the water hasnt gone when the timer comes to move on, most machines
- > will stop. I am of course relating to UK machines here, I imagine a
- > machine for the French market will be the same.
- >
- > I think neither of these things have any relevance to the machines problem.
- >

Here is the email response I received from Brandt:

- >Following your request, we can give you these following information :
- >the cycle of washing of the machine is managed by electronics. The micro engine of the >programmer is ordered by the electronic chart. The duration between two power supplies >of the micro engine depends on many parameters and is not systematically 1 minute.

Ron, the new and more advanced machine these days, Are their timer movements and duration controlled entirely by a microprocessor and as a result sometimes it might take a minute to move a notch and other times it might take 5 minutes? In other words, would a notch in a cotton wash function take longer to move as opposed to a notch in a wool wash function? Or in your experience, a notch increment is constant during a timed event?

By the way, doesn't Brandt sell their machines in UK? My machine is French-made, but not particularly for the French market.

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- *Follow-Ups:*

Re: 50 hz timer motor

- ◆ Re: 50 hz timer motor
  - ◇ From: Ron(UK)

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