

Re: 50 hz timer motor

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2005-11/msg00953.html>

- *From:* "Ron(UK)" <ron@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 16 Nov 2005 14:30:29 +0000 (UTC)
-

Sam Goldwasser wrote:

etphonehm@xxxxxxxxxx writes:

On page 4 of the English schematics I sent you which details the timer sequence, at the bottom left, there are some faded word that says 1T/60 sec, i.e. 1 turn/min. Would that answer your question in regards to whether the cam moves in 1 minute increments?

That would seem to be pretty definitive unless something external to the timer (i.e., in the module) is supposed to hold up the timer for 45 seconds each minute.

I still say if you can find someone who can test a timer by itself by just powering the motor and seeing how long between clicks, that would clinch it.

Furthermore, I think that each square there represents 5 minutes. If I added up all the squares for the first program which includes the pre-wash, it'll amount to 135 minutes which is very close to the user manual that indicates 2 hours 35 minutes, considering the water-fill time, repeated rinse and drain. I assume the 135 minutes would be the actual drum-turning time.

I agree on that. Even a no-dirt load needs to be drained properly.

Re: 50 hz timer motor

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.

Ron

--

Lune Valley Audio
Public address system
Hire, Sales, Repairs
www.lunevalleyaudio.com
.