Cycle Timer Delay Module

1. Parameter

<table>
<thead>
<tr>
<th>N.O</th>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Timing Range</td>
<td>0-999s, 0-999m, 0-999h</td>
</tr>
<tr>
<td>2</td>
<td>Supply Voltage</td>
<td>DC 12V</td>
</tr>
<tr>
<td>3</td>
<td>Installed Size</td>
<td>72<em>39</em>23mm L<em>W</em>H</td>
</tr>
<tr>
<td>4</td>
<td>Power dissipation</td>
<td>&lt;0.6W</td>
</tr>
<tr>
<td>5</td>
<td>Maximum Power</td>
<td>&lt;1500W</td>
</tr>
<tr>
<td>6</td>
<td>Maximum Current</td>
<td>10A</td>
</tr>
</tbody>
</table>

2. Function:

1>. Timer

2>. Delay

3>. Cycle

3. Application:

1>. It can be widely used in many regular occasions.

2>. It can be widely used in industrial control.

4. Features:

1>. It has double LED displays, so you can set two timing time T1 and T2. It will very convenient to customers.

2>. There are three timing time for choice: 0-999s, 0-999min and 0-999h. You could set the timing mode as your requirement.

3>. There are six operating modes for your choice.

5. Instructions:

Please pay attention for your first use. You need wait 6s after your setting data, the module will save the date you have set after 6s.
Short press button ‘SET’: Start the Time Setting Mode and screen will blinking. Please set time T1 during blinking. Press button ‘SET’ and screen will blinking again. Set time T2 during blinking. Then save set in two method: 1>. Waiting for 6S and the screen stop blinking. The system automatically saves the setting time; 2>. Press button ‘SET’.

Long press button ‘SET’: Start the Parameter Setting Mode. There are there parameter for your choice: P0 and P1. You can select P0 or P1 by short press ‘SET’. Under the parameter P0,P1 you can set the parameter by the button UP and button DOWN.

P0 : Set the time range  
P1 : Work mode

P0--0: Timing time mode : 0---999s. Accuracy 1s. Maximum delay time is 16 minutes and 39 second at this mode.

P0--1: Timing time mode : 0---999min. Accuracy 1min. Maximum delay time is 16 hours and 39 minutes at this mode.

P0--2: Timing time mode : 0---999h. Accuracy 1h. Maximum delay time is 41 day and 39 hours at this mode.

P1--0: Relay will ON after delay T1

P1--1: Relay will OFF after delay T1

P1--2: Relay will ON after delay T1. Then Relay will OFF after delay T2. Then Stop.

P1--3: Relay will OFF after delay T1. Then Relay will ON after delay T2. Then Stop.
P1--4: Relay will ON after delay T1. Then Relay will OFF after delay T2. Then cycle.

P1--5: Relay will OFF after delay T1. Then Relay will ON after delay T2. Then cycle.

**Restart key:** Trigger the function again. After the timer finishes work normally. If needs to work again please short press the 'Restart key' to restart the timer.

**6. For example:**

For example, a customer needs to power on for 10 seconds, and power off for 20 seconds. Set as follows:

- T1 setting time 10, T2 setting time 20
- P0--0 (T1 timing accuracy is second)
- P1--5 (Timer operation mode is to ON-OFF-ON-OFF and cycle)

**7. Description picture:**
Key Description and Size

- Up
- Set
- Down
- Time1
- Time2
- Restart

Wiring Diagram

[Diagram showing connections between DC POWER, DC/AC POWER, and equipment]
8. Frequently asked questions:

1>. Can you set timer 1 for seconds and timer 2 for hours?

   A : Sorry that it can not. the timing unit must be the same. The maximum delay time is 16 minutes and 39 seconds at second mode. The maximum delay time is 16 hours and 39 minutes at minutes mode. The maximum delay time is 41 day and 39 hours at hours mode.

2>. Can it start the timer automatically ?

   A : No, it can not. It need to push the button to start the timer.

3>. Can this be set for less than one second. such as tenth of a second?

   A : No, it just one second increments .

4>. Is it the ground constant?

   A : No. Input power and load power are different.