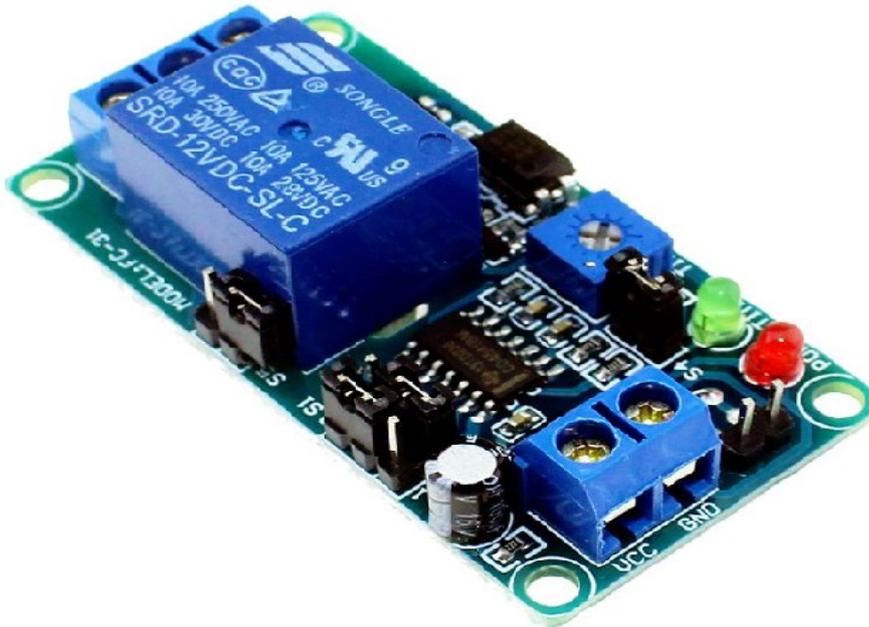


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## 12V DC FC-31 Timer Delay Relay

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### 12V DC FC-31 Timer Delay Relay



#### Specification:

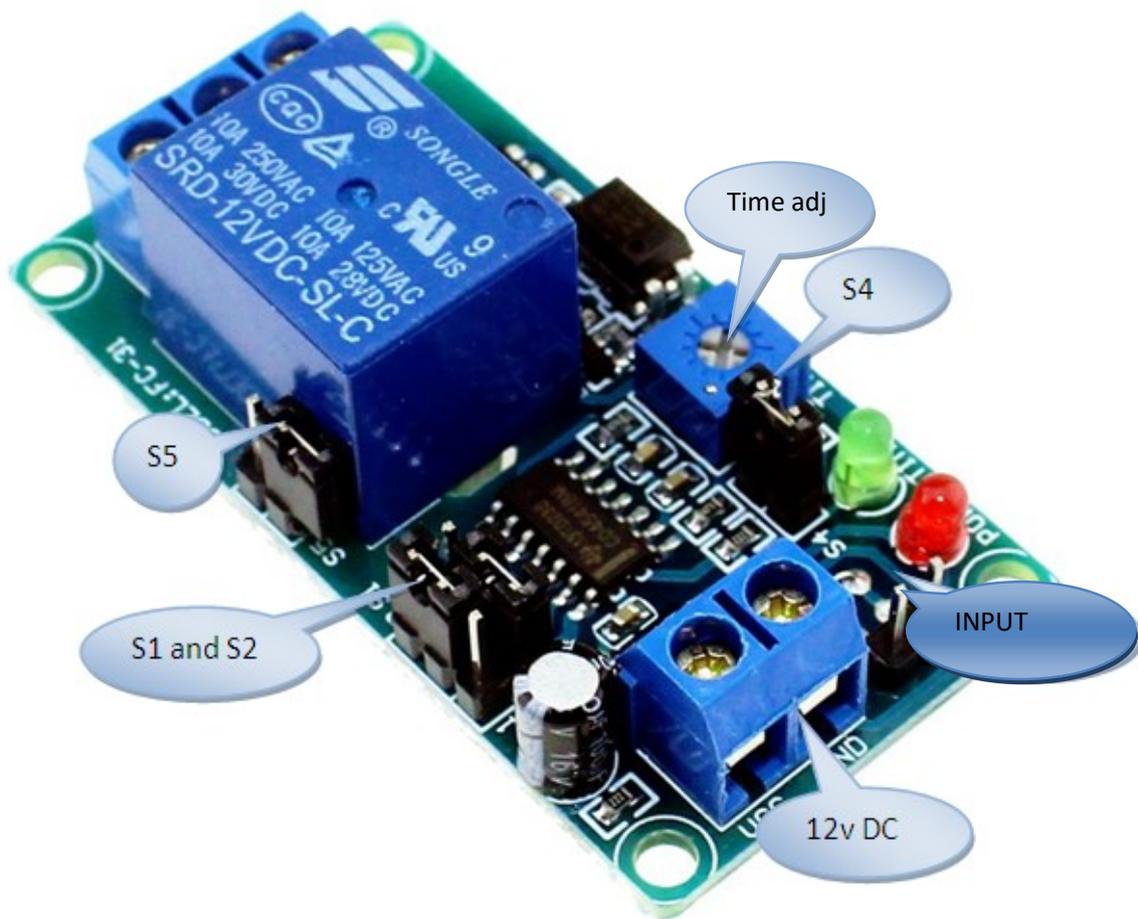
Product Name	Delay Relay Module
Model	FC-31
Type	Normal Open
Voltage	12V DC
Contact Capacity	10A 250VAC/125VAC/30VDC/28VDC
Size	5.5 x 2.9 x 1.8cm/2.2" x 1.14" x 0.7" (L*W*T)
Color	Blue
Weight	28g
Package Content	1 x Delay Relay Module

#### Description:

- The module is normally open trigger module start .
- Output relays have normally open, normally closed selection, shortest time from 0.1s most up to 1 hour.
- Applications: DC motors or AC motors, home applications, delay energy-saving products, connected with the vibration sensor can do all kinds of alarm trigger delay, such as an earthquake alarm, burglar alarm, also be applied to the car to start automatically trigger control products, machinery and equipment to stop the alarm delay trigger.
- Wire Diagram: ( the picture show output connect COM & NO, when the time delay relay work, the light will light )

## 12V DC FC-31 Timer Delay Relay

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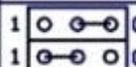
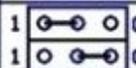


### About FC-31 delay timer relay

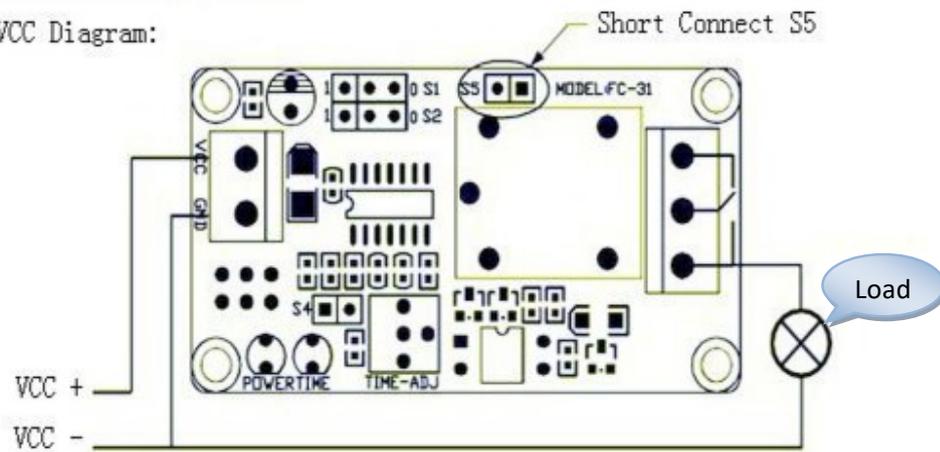
- Power supply 12v DC
- S1 and S2 are the pins which are used to set time delay.  
Follow the given below table to insert the jumpers to get desired time
- S4 jumper to get the suitable timer.  
If S4 jumper is not inserted means time can be set from 0.5s up to 340s (5.5mins).  
If S4 jumper is inserted means time can be set from 1.5s up to 3700s (1hour).
- S5 jumper is inserted means then it is used to connect 12v DC to common terminal of the relay (when 12v DC load is used).  
S5 jumper is not inserted means it is used to disconnect 12v DC from common terminal of the relay (when 230v AC load is used).
- To get ON the relay input must be given  
Input can be given by shorting the given two pins or external input can also give (5v or 12v)
- Pot to adjust time delay.

## 12V DC FC-31 Timer Delay Relay

Time Delay Control Set:

S1	S2	Disconnect S4	Connect S4	S1 S2 As Show
0	1	0.13S-1.3S	1.5S-14.5S	
1	0	0.5S-5.2S	6S-58S	
0	0	4.4S-42S	48S-463S	
1	1	38S-340S	389S-3700S	

Control VCC Diagram:



Control AC Diagram:

