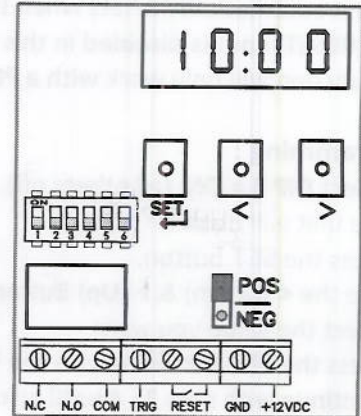


Specifications:

| | |
|---------------------------------|---------------------------------|
| Power input range..... | 10V ~ 14V DC |
| Functions..... | 1sec to 59minute timer output |
| | 1minute to 24hours timer output |
| | Auto door closure |
| | Guard awake timer |
| | Pulse stretcher |
| | Counter |
| | Count down trigger output |
| | False alarm prevention |
| | Momentary to latching |
| Trigger Input..... | Positive / Negative |
| Reset Input..... | Normally open potentially free |
| Relay output Load @ 12V DC..... | 1AMP |
| Dimensions..... | 52 X 65mm (PCB) |
| Product release date:..... | April 2011 |



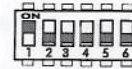
Applications:-

The **TIMER** can be programmed with 9 different functions. This module can be used for customising siren output times, beam bypass, guard awake and auto gate & garage door closure applications. A variety of applications and functions are visualised for this product and with a bit of imagination the unit will solve various security installation issues.

Programming Functions:

Please note: * EEEE on the display indicates a non valid dip-switch setting.

TIMED RELAY OUTPUT : Minutes : Seconds



FUNCTION 1

Once the unit is triggered with either a NEG/POS on the TRIG input it will Switch the Relay for the Set time.

The Max time you can set is: 59 Minutes : 59 Seconds.

At any time the unit can be reset via connecting the RESET inputs with a Normally open potentially free contact.

Programming :

1. Select DIP 1 = ON (all others off). The unit will Flash, F-- |
2. Press the **SET** button.
3. Use the < (Down) & > (Up) Buttons to select the value you want to set.
4. Press the **SET** button to save the value.
5. Continue with step 2 - 4 until all the values are set.

TIMED RELAY OUTPUT : Hours : Minutes



FUNCTION 2

Once the unit is triggered with either a NEG/POS on the TRIG input it will Switch the Relay for the Set time.

The Max time you can set is: 23 Hours and 59 Seconds.

At any time the unit can be reset via connecting the RESET inputs with a Normally open potentially free contact.

Programming :

1. Select DIP 2 = ON (all others off). The unit will Flash F--2
2. Press the **SET** button.
3. Use the < (Down) & > (Up) Buttons to select the value you want to set.
4. Press the **SET** button to save the value.
5. Continue with step 2 - 4 until all the values are set.

AUTO GARAGE DOOR / GATE CLOSURE : Minutes : Seconds



FUNCTION 3

Once the gate or garage door is left open for longer than the SET time, the unit will trigger the Relay for 1 second.

The Max time you can set is: 59 Minutes & 59 Seconds. 59:59

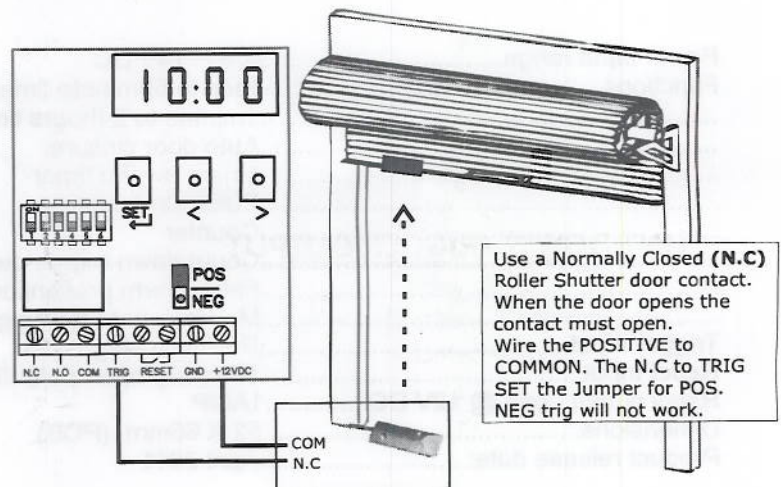
The unit automatically resets when the door closes.

* The RESET Input is disabled in this function.

This function will only work with a POS trigger.

Programming :

1. Select **DIP 3 = ON** (all others off).
The unit will Flash F--3
2. Press the **SET** button.
3. Use the < (Down) & > (Up) Buttons to select the value you want.
4. Press the **SET** button to save the value.
5. Continue with step 2 - 4 until all the values are set.



GUARD AWAKE TIMER



FUNCTION 4

A guard will need to RESET the unit within the SET time in order to prevent the unit from triggering a "FAIL TO PATROL" output RELAY.

The RESET needs to be pressed and released in order to reset the timer back. This prevents anti-jamming of the RESET input.

The max time you can set is: 59 Minutes and 59 Seconds.

The unit will continue to re-trigger when the time runs out.

Programming :

1. Select **DIP 4 = ON** (all others off). The unit will Flash F--4
2. Press the **SET** button.
3. Use the < (Down) & > (Up) Buttons to select the value you want to set.
4. Press the **SET** button to save the value.
5. Continue with step 2 - 4 until all the values are set.

PULSE STRETCHER



FUNCTION 5

The unit can increase or stretch a very short trigger pulse to 3 Seconds.

Applications include connecting to Window Vibration sensor which trigger a very short pulse when triggered.

With this device you can connect the Vibration sensor to a Transmitter which requires a longer trigger input.

* The RESET Input is disabled in this function.

Programming :

1. Select **DIP 5 = ON** (all others off). The unit will Flash F--5
- * This function is factory set to output for 3 seconds when triggered and can not be changed.