



## **Flip Delay Flop Module**

The FDF Module is a compact control PCB that will trigger when the NC input is closed with a push to close button or momentary input, when this occurs the FDF Module will trigger the relay contacts at this point a timer will hold the relay active disabling the input, and hold this state until the preset time has expired, then the momentary input / button is pushed again to toggle the relay off.

### **DIMENSIONS**

PCB Only 65mm x 48mm.

*Note Sizes are approximate only*

### **CONSTRUCTION**

PCB Type Single sided PCB.

Connections Screw terminals

Mounting Method Fixing Tape or 4 x corner pillar mountings.

*(Pillars not supplied)*

### **TECHNICAL SPECIFICATION**

Input Voltage	12V DC
Maximum Operating Current	40mA Typical
Minimum Current	13mA Typical
Relay Control on Board	YES 1A Max

### **ADVANCED FEATURES**

N/C start input. (Momentary)

Adjustable delay time.

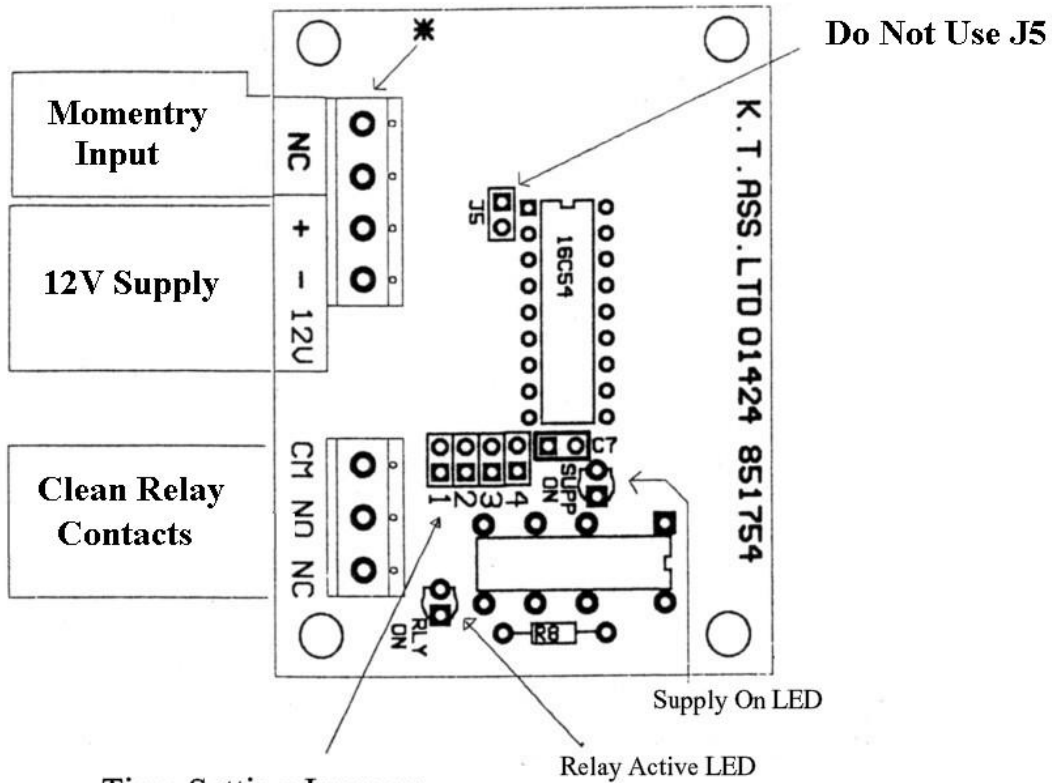
One sets of clean relay contacts.

LED Indication for alarm condition.

LED Indication for supply healthy.

Adjustable Time delay up to 50 seconds \*see below.

# PCB Layout And Termination Information



## Time Setting Jumpers

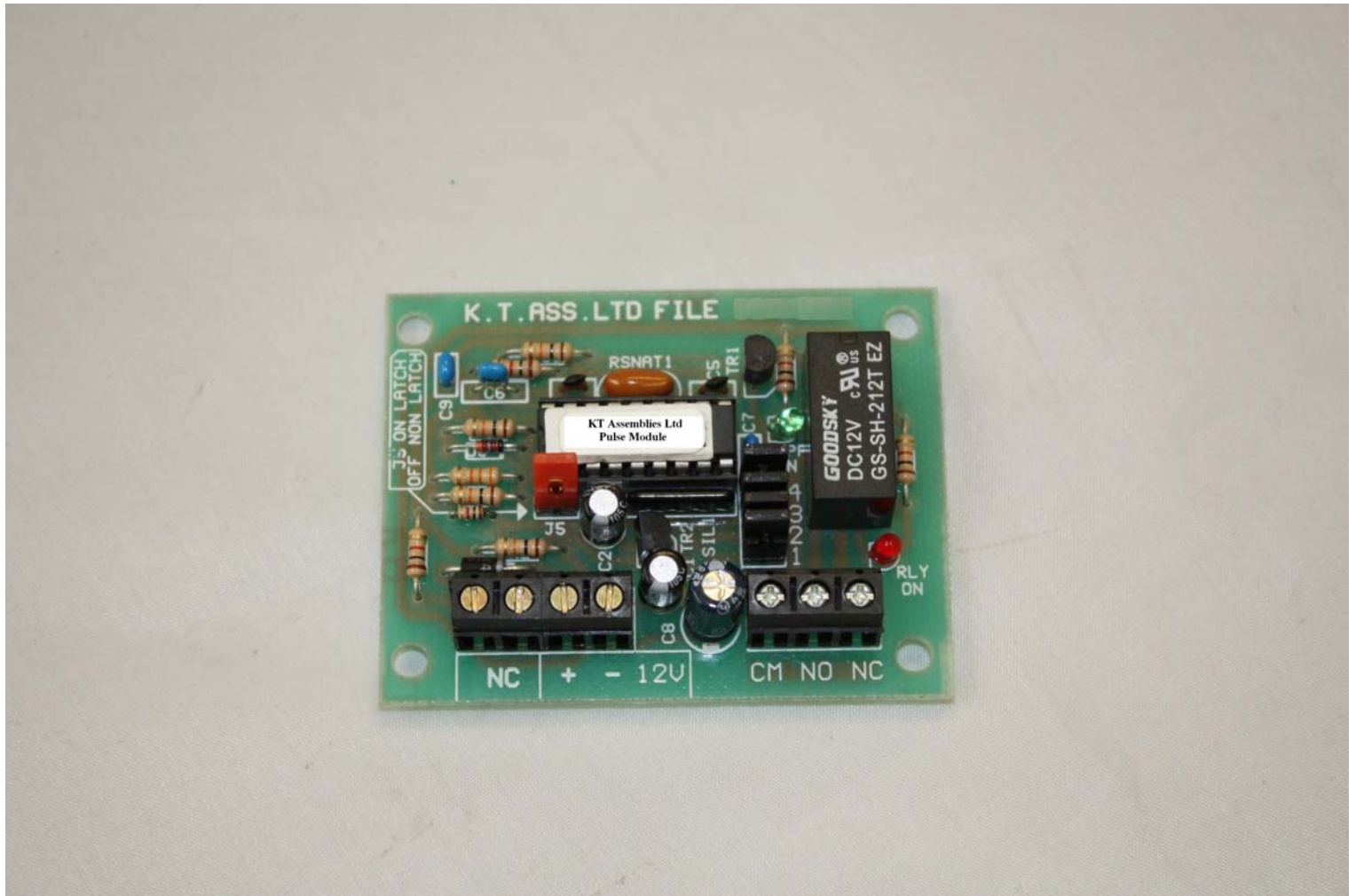
SECS	1	2	3	4
10	OFF	OFF	OFF	OFF
20	ON	OFF	OFF	OFF
30	ON	ON	OFF	OFF
40	ON	ON	ON	OFF
50	ON	ON	ON	ON

ALL TIMES ARE IN 10 SECS STEPS

## Flip Delay Flop Module

When the NC loop is closed using a momentary switch the relay will energise (Flip), after this a delay timer will start, this timer will prevent the the flip flop from being operated (Flop) untill this time has expired, only then the momentary switch can be pressed again to de-energise the relay (Flop). The process then starts over by toggling the input again.

# Picture Of Flip Delay Flop Module



Note: This Picture is for illustration Purposes only and may not be the exact model described.