



## **Relay Pulse Module**

The RP Module is a compact control PCB that will activate when the NC input is closed with a push to close button or momentary input, when this occurs the RP Module will energise the relay, at this point a timer will hold the relay active for an adjustable time delay and hold this state until the preset time has expired, the relay will then de-energise off for another adjustable preset time where it will again energise the for the preset time, the module will continue to do this until the unit has completed 5 cycles when it will stop.

### **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.

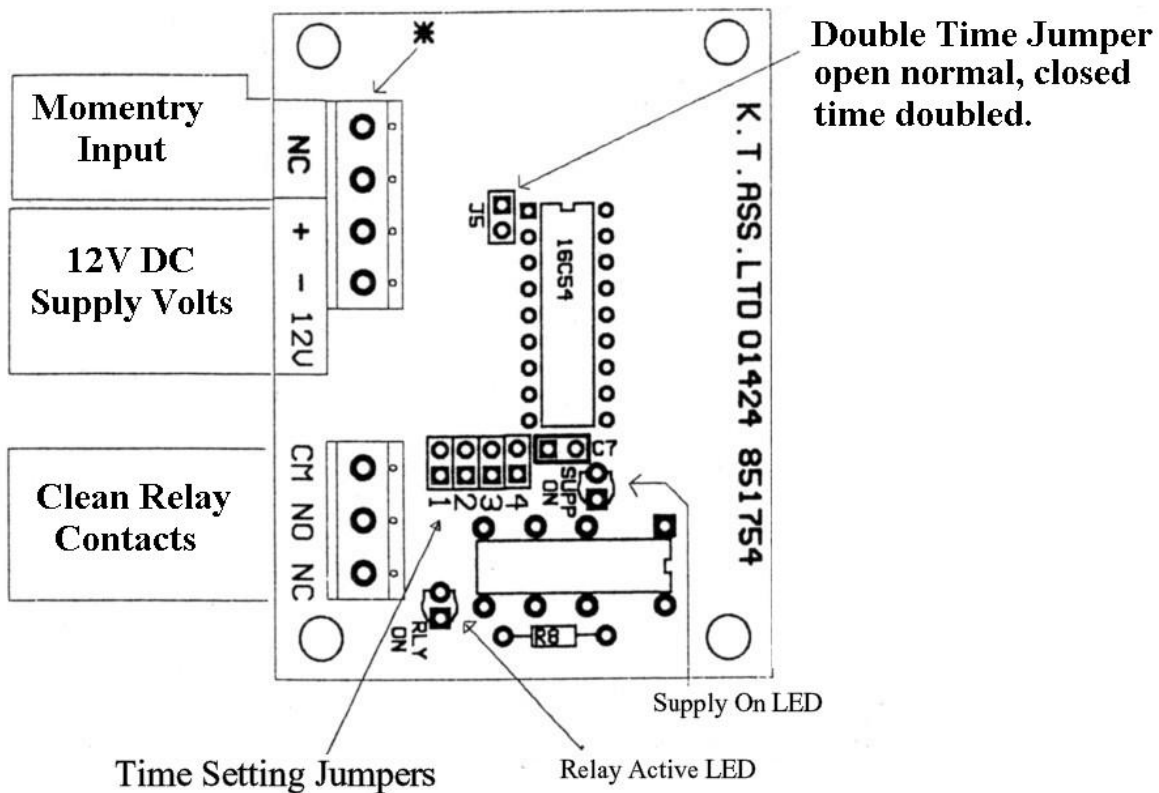
LED Indication for alarm condition.

LED Indication for supply healthy.

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

# PCB Layout And Termination Information

## Relay Pulse Module



SECS	1	2
5	OFF	OFF
10	ON	OFF
20	OFF	ON
30	ON	ON

Relay On Time

SECS	3	4
30	OFF	OFF
60	ON	OFF
90	OFF	ON
120	ON	ON

Relay On Time

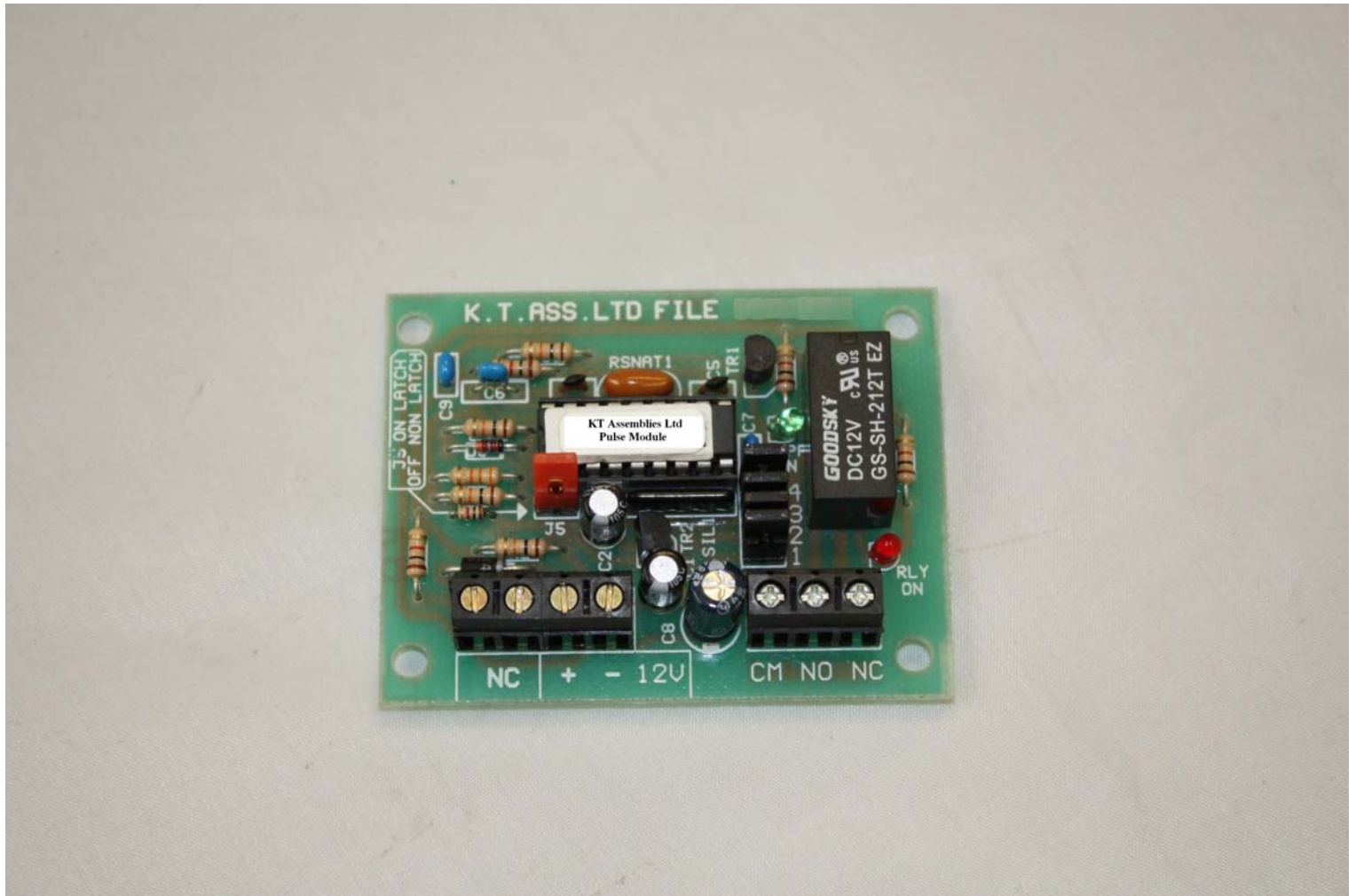
**Pulse Relay Module**

The module can be activated by a momentary trigger of the loop, or by leaving the loop open and applying the supply volts.

If you are using loop start the supply must be a permanent feed.

When the unit is first commissioned it will perform a full 5 pulse programme and then reset ready for an input.

# Picture Of Relay Pulse Module



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