



Pulse Delay Module

The Pulse Delay Module is a compact control PCB that will trigger when the N/C input goes open, when this occurs the PDM will trigger the relay contacts and hold this state until the preset time has expired, and then de-energise. The module can also trigger when supply volts are applied or with a –VE trigger.

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..

Optional –V Trigger

Start-up trigger, + Trigger.

One sets of clean relay contacts.

LED Indication for alarm condition.

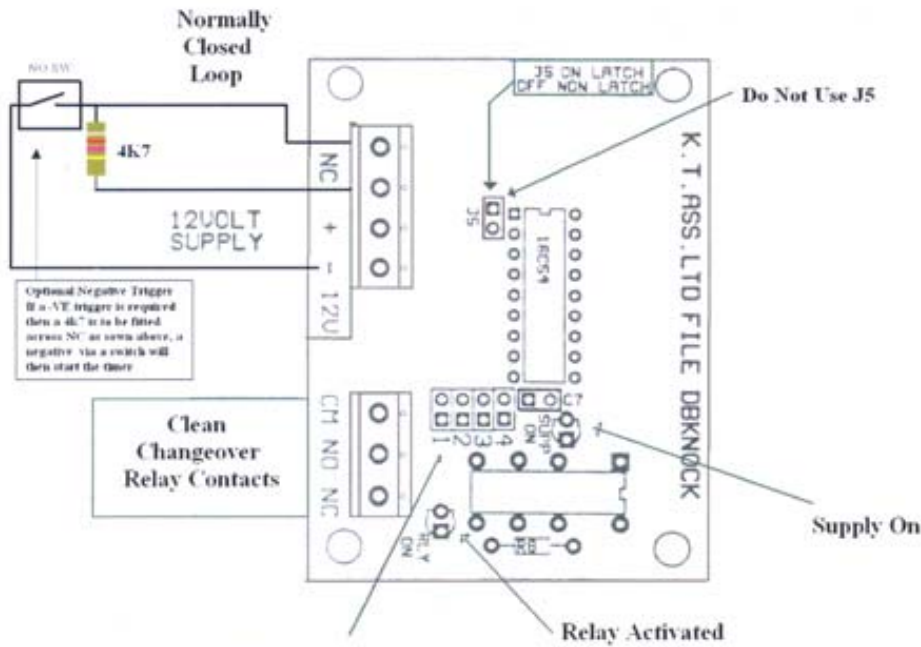
LED Indication for supply healthy.

Adjustable Time delay up to 80 seconds *see note.

**Delay duration is dependant on software Version - RT1S = 1 to 8s RT5S = 5 to 40s RT10S = 10 to 80s*

PCB Layout And Termination Information

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Time Stting Jumpers

	1	2	3
1	5	10	OFF OFF OFF
2	10	20	ON OFF OFF
3	15	30	OFF ON OFF
4	20	40	ON ON OFF
5	25	50	OFF OFF ON
6	30	60	ON OFF ON
7	35	70	OFF ON ON
8	40	80	ON ON ON

RT1S RT2S RT10S Software Version Required

Jumper 4 is a time doubler off is default setting.

PULSE MODULE

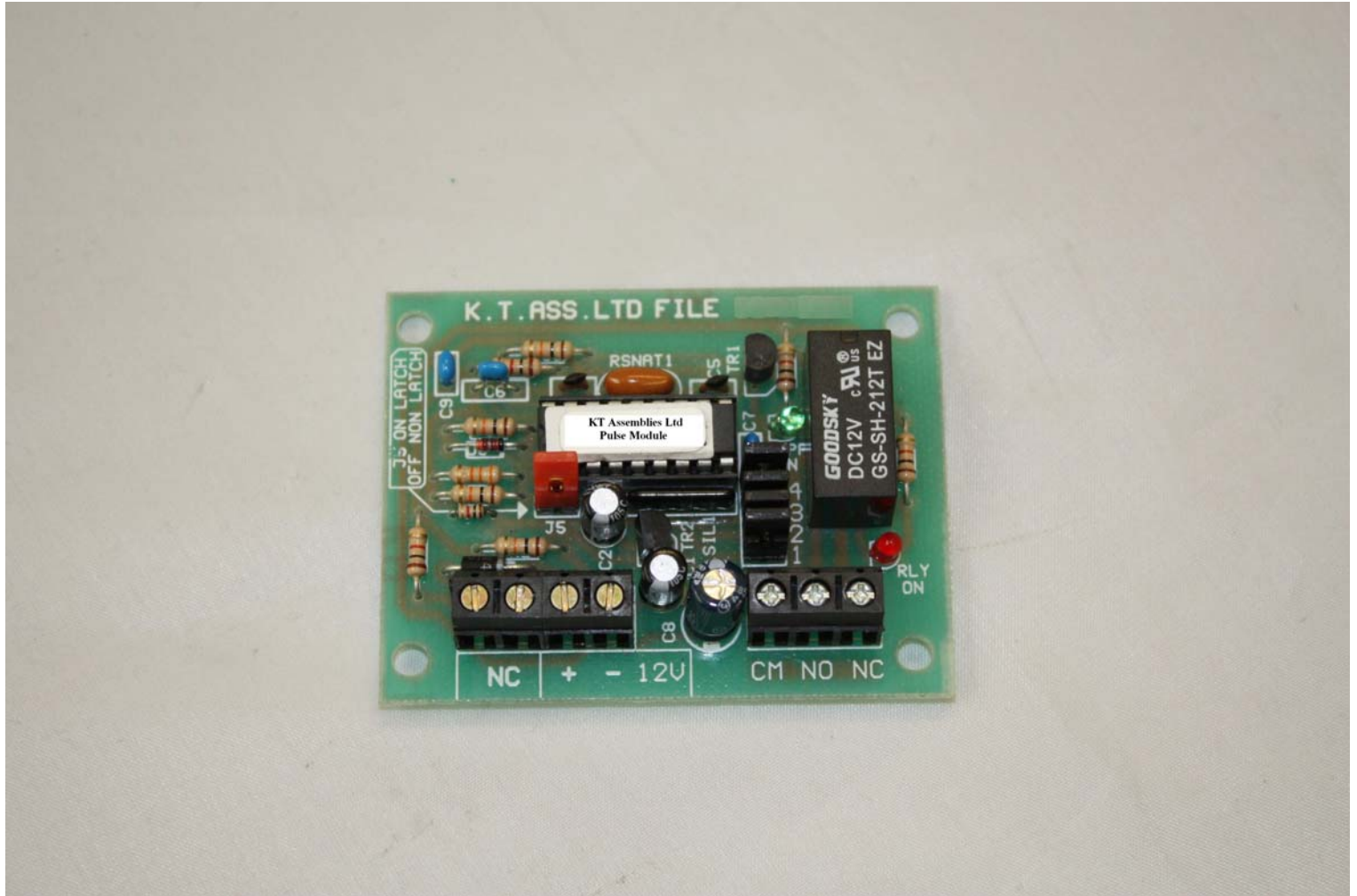
Normal Operation Mode

When the N/C loop is opened the relay will change state for the duration of the time set by links 123, then return to its normal condition.

Power Applied Mode.

When the module is powered on with no loop connected to the NC terminals the unit will activate for the time set by jumpers 123 and then return to its normal state unless the supply voltage is removed shortening the time delay.

Picture Of Pulse Delay Module



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