

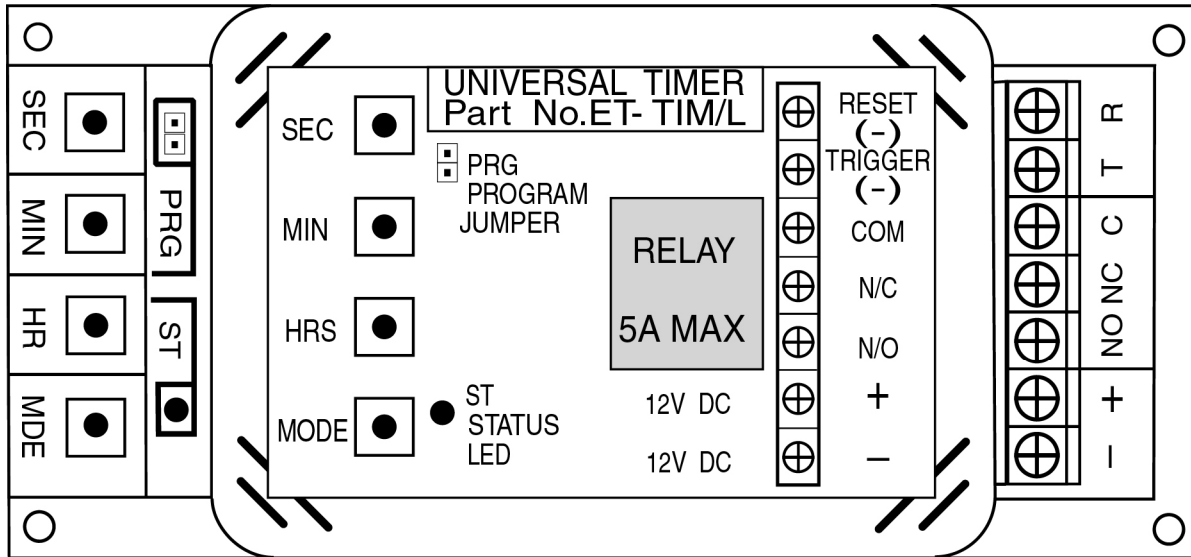


SYSTEMS

SECURITY PRODUCTS SPECIALISTS

UNIVERSAL TIMER

Part No: Tim - L



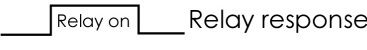

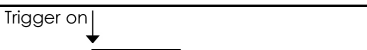

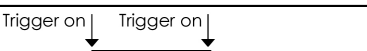
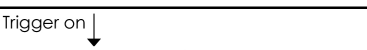

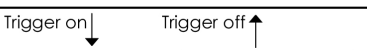
SPECIFICATIONS	
VOLTAGE SUPPLY	12V DC
CURRENT CONSUMED	20 mA Standby 80 mA with relay ON
TIME: ACCURACY	+/- 1% Seconds (sec) = 0.01 sec. Minutes (min) = 1 sec. Hours (hrs.) = 1 min
RELAY	Contacts rating: 5 A/250V AC

FEATURES

- Seconds (1 – 60) sec., max 255 sec.
- Minutes (1 – 60) min., max 255 min.
- Hours (1 – 60) hrs., max 255 hrs
- Trigger timer
- Reset timer
- Trigger relay on time mode
- Trigger delay time mode
- Latch mode
- Flip/flop – repeating mode
- Power trigger mode
- Combination of any mode

PROGRAMMING

MASTER ERASE: <ul style="list-style-type: none"> Remove power Place (PRG) jumper on Press & hold (SEC) & (HR) button + add power: (ST) LED flashes Release buttons & remove (PRG) jumper Remove power Re-apply power with no jumper
Place (PRG) jumper across two pins
Mode is selected by pressing and releasing (MDE) button. The (ST) LED will flash indicating the mode level. e.g 2 x flashes (ST) = read to learn (TIME B)
When programming the time (A & B), each press of the (SEC), (MIN), (HR) buttons represents one unit e.g. 1 x (SEC) = 1 second etc., (MIN) = minutes, (HR) = hours
When a function mode is selected (3 – 7), pressing the (HR) button switches the mode ON or OFF: Pressing the (HR) button once: (ST) LED flashes once = function ON Pressing the (HR) button again: (ST) LED flashes for a time = function OFF

ST LED Flashes	Mode descriptions	Buttons used	Relay on Relay response
1	Time A	Sec,Min,Hr	
2	Time B	Sec,Min,Hr	
	Default Mode	None	
3	Delay mode	Hr: On or Off	
4	Latch mode	Hr: On or Off	
5	Flip - flop mode	Hr: On or Off	
6	Power on trigger	Hr: On or Off	
7	Low/off trigger	Hr: On or Off	

Any combinations of the above modes can be made, eg.Trig ' (T) low ' input or ' Power On ' trigger.
When programming is completed remove (PRG) jumper.

CONNECTIONS

(+)	Positive 12V DC supply
(-)	Negative 12V DC supply
(T)	Trigger timer, switch to (-)negative 12V
(R)	Reset timer, switch to (-)negative 12V
(NO)	Relay output normally open contact
(NC)	Relay output normally closed contact
(C)	Relay output common to contacts