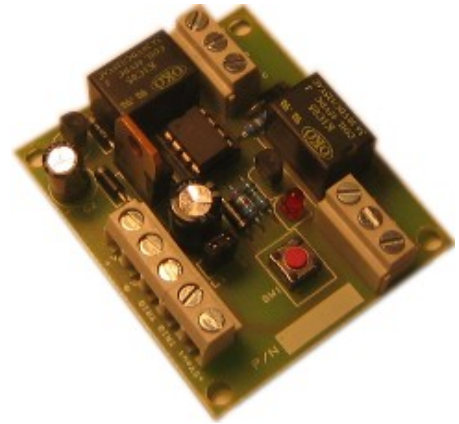# DUAL CHANNEL TIMER

P/N etmr2

Description

Dual channel digitally programmable timer.
Channel 1 contacts operate immediately.
Channel 2 contacts operate after a programmable delay.
Programmable time for contacts closed on both channels.
Normally open and normally closed relay outputs can switch 3 Amps.
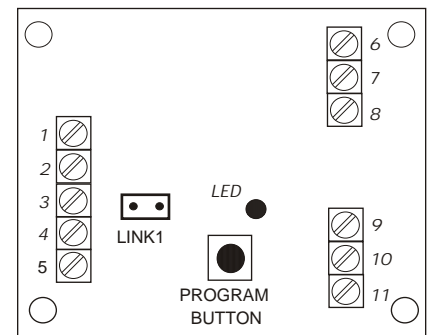Can be configured for single-shot or reset triggering.

Specification

VIN	7.5V to 28V DC
SUPPLY CURRENT	6 mA STANDBY
----//----	150 mA OPERATING
O/P CONTACTS	3A @30V DC
---//---	1A @125V AC
OPERATING TEMP	-10 to +55 C
TIMING RESOLUTION	200mS

Connections

PIN NUMBER	FUNCTION
1	+V INPUT
2	0V INPUT
3	TRIGGER
4	TRIGGER
5	+5Vout
6	O/P 1 COM
7	O/P 1 N/O
8	O/P 1 N/C
9	O/P 2 COM
10	O/P 2 N/O
11	O/P 2 N/C

Connect trigger pins (3 and 4) to trigger, hold together for repeat-triggering   .
With LINK1 fitted, the timing cycle will complete before allowing another trigger.
With LINK1 removed, the timing cycle can be re-started by re-triggering and the
timing cycle will not start until the initial trigger goes open circuit.

Programming

1. Apply power
2. Press and release the "program" button. LED flashes ON/OFF continuously indicating programming of relay 1 on time.
3. Press and hold the "Program" button for the time required for relay 1 to be switched on, LED illuminates while button is pressed. (Up to 50 seconds)
3. Release the button and the LED now flashes ON/ON/OFF, indication programming of relay 2 on time.
4. Press and hold the button for the time required for relay 2 to be switched on. LED illuminates while button is pressed. (Up to 50 seconds)
5. Release the button and the LED flashes ON/ON/ON/OFF indicating programming of delay time before relay 2 switches on.
6. Press and hold the button for the time required for the delay after triggering before relay 2 switches on. LED illuminates while button is pressed. (Up to 50 seconds)
7. Release the button. The LED flashes 4 times indicating programming is complete.
8. The delay is now stored and will remain in memory even after power is disconnected.

20/8/2002