

HPT6062

Time Delay Relay

Description

The Honeywell HPT6062 is a programmable multi-purpose timer that is suitable for many applications that require a timed operation. Some of these applications include access control, siren and bell cut-off, dialer delay, and guard tour supervisory timers. Other optional functions include: one shot, delayed release, delayed operate, delayed pulse, and pulse/flasher.

The HPT6062 includes momentary relay activation at the end of a desired timing cycle. This eliminates the need for having to use two timers to achieve this function. Another operation included is the cancel, or interrupt, option. This will cancel the timing cycle and reset the timer is desired.

Benefits

- Designed for an array of timing applications.
- Product is independently operated.
- Programming is easy to set up and operate.
- Offers a variety of options but maintains simplicity.

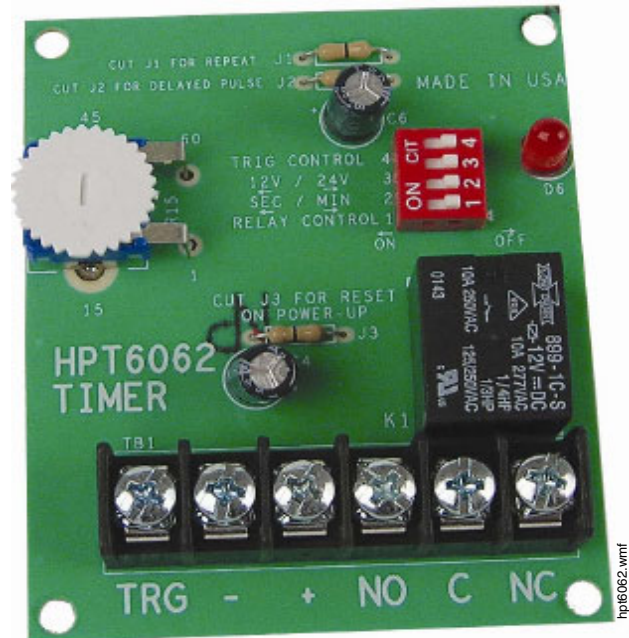
Selection Tables

DIP SWITCH SELECTION

Dip Switch	OFF	ON
1	Relay energizes at start of timing cycle.	Relay energized at end of timing cycle.
2	1–60 minute(s) timing range (trim adjustable potentiometer).	1–60 second(s) timing range (trim adjustable potentiometer).
3	24 VDC operation.	12 VDC operation.
4	Timing begins immediately upon trigger input.	Timer begins after removal of trigger input.

JUMPER SELECTION

Number	Function or Description
J1	Cutting J1 selects pulser/flasher mode. Relay will turn on and off continuously in equally set time intervals when timer is powered off.
J2	Cutting J2 puts timer in delayed output mode. Relay will pulse for a second at the end of a present timing cycle. Dip switch must be on for this function.
J3	HPT6062 will go through an initial timing cycle when first powered on unless J3 is cut. If cut, timing can only be initiated by TRG terminal.



Specifications

- Accurate time adjustment range (programmable from one second to 60 minutes).
- 12 VDC or 24 VDC operation is selectable by dip switch.
- LED illumination indicates relay is energized.
- Form "C" relay contacts are rated for 8.0 A @ 120 VAC/28 VDC.
- Current draw: standby 3.0 mA, relay energized 40 mA.
- Triggers via positive DC (+) voltage, dry contact closure, or removal of contact closures.
- Relay activation selectable at the beginning or end of the timing cycle.
- One-second momentary relay activation at the end of the timing cycle (eliminates the need to use two timers for this function).
- Built-in reset feature which cancels timing cycle.
- Repeat (pulser/flasher) mode.
- Snap Track compatible (Honeywell P/N HST34).
- Board dimensions (approximate): 3.0" H x 2.5" W x 0.75" D (cm: 7.62 H x 6.35 W x 1.905 D).

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
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