



## CT Two-Hand Machine Control and Timer

- Anti-tie-down design
- 3 safety features prevent injury
- Will not automatically repeat
- Coarse and fine adjustable delay timer
- Built to OSHA standards

The CT Timer requires a machine operator to have both hands on start switches in order to actuate machine operation. The machine's hold and release function can only operate after the operator releases the switches. Typical applications include pneumatic presses, punches, saws, cutters, riveting machines and routers.

Model CT is both a control and a safety device. In the manual operation of machinery, it provides the operator with accuracy, more time through automation, and the prevention of injury.

With a remote potentiometer the operator establishes the amount of dwell time before the machine is operated. Once the timer is set, the operator must depress two switches within  $\frac{1}{4}$  second of each other. The location of the switches will require two hands to be used. The machine will function and hold. At which point the operator may release the switches to perform other duties.

The machine will hold for a set time period, then complete the function cycle, which resets the machine for the beginning of the next function cycle. The machine will automatically stop if the switches are released before the hold period of the machine operation is reached. The machine will not begin if only one switch is actuated, nor will it begin a function cycle automatically after a cycle has been completed. The two switches must again be depressed to start a new cycle. These safety features meet OSHA standards and help provide injury free operation.

SPECIFICATIONS	CT1-2, CT1-3
Input:	120VAC 50/60Hz (CT1-2), 240VAC 50/60HZ (CT1-3)
Output:	24VDC @ 60mA suitable for driving a 10A relay
Timer set point range:	0.1 to 6.0 sec, filed adjustable with remote 2.5Mohm potentiometer
Timer stability:	$\pm 1\%$
Minimum output pulse:	50 millsec maximum
Repeat accuracy:	$\pm 1\%$
Operating temperature range:	0 to 60 deg C

### PARTS AVAILABLE

Part #	Power
CT1-2	120VAC
CT1-3	240VAC

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