

<http://waterheatertimer.org/Intermatic-timers-and-manuals.html#7-day>

T2000 Series

7-Day Mechanical Timers

The T2000 Series Mechanical Time Switches are compact, 7-Day timers that provide up to 84 (42 ON/42 OFF) operations each week. The timers minimum ON/OFF time is 2 hours for each tripper, providing up to 6 ON/OFF operations each day.

Features

- Minimum ON/OFF time of 2 hours
- ON/OFF increments in 2 hours
- Maximum daily ON/OFF time 22 hours
- Repeats schedule every 7 days

Ratings

Enclosure Type:	Type 1 Indoor
Knockouts:	Combination 1/2" - 3/4" nominal knockouts, one on back and on each side, and two on bottom
Switch Type:	Single Pole Double Throw
Switch Rating:	20 Amp Resistive, 120 and 208-277 VAC, 1/2 HP, 120 VAC 1 HP, 240 VAC
Power Input:	3 Watts Maximum
Operating Temperature:	-40°F to 130°F (-40°C to 54°C)
Shipping Weight:	3 lbs. (1.4 kg)
Warranty:	Limited 1 year



Model in Type 1 Steel Enclosure	Switch	Clock Motor VAC 60 Hz	Amps
T2005	SPDT	120	20
T2006	SPDT	208-277	20

Specification

The time switch shall be of the 7-Day dial type, capable of permitting up to 42 ON and 42 OFF operations each week. The time switch shall provide a minimum ON or OFF time of 2 hours per tripper to provide up to 6 ON/OFF operations daily. Time switch to be powered by a _____ (125)(208-277) VAC 60 Hz power supply. The time switch motor shall be synchronous, which shall be designed to withstand a minimum of 6000 volt transients. The time switch motor shall be connected to the supply terminals with ring-type connectors and shall not require more than 3 Watts to operate. The time switch mechanism shall be a snap-in design to provide ease of mechanism removal from the enclosure. The time switch enclosure shall be a Type 1 lockable steel enclosure, which shall be painted with an electrostatic process to eliminate the potential for corrosion. The time switch enclosure shall provide a minimum of 31 cubic inches of wiring space and shall provide a non-removable cover, which shall swing open a full 180 degrees. The time switch shall provide a non-curling terminal insulator.

Switch configuration shall be SPDT with an agency listed switch rating of:

- 20 Amp, 125 and 208-277 VAC
- ½ HP, 125 VAC
- 1 HP, 250 VAC

The time switch shall be agency listed under Clock Operated Switches and shall be Intermatic model _____. (Model Numbers T2005, T2006).

Diagrams

