Manuals+ — User Manuals Simplified.

INTERMATIC Spring Wound Interval Timer Instructions

INTERMATIC Spring Wound Interval Timer Instructions

Contents

SWITCH RATING SPECIFICATIONS

1 H.P. at 125 V.A.C. 50/60 HERTZ: 2 H.P. at 250 V.A.C. 50/60 HERTZ
20 Amps 125 V.A.C. 50/60 HERTZ: 10 Amps 150 V.A.C. 50/60 HERTZ
10 Amps 277 V.A.C. 50/60 HERTZ: 7 Amps 125 V.A.C. Tungsten
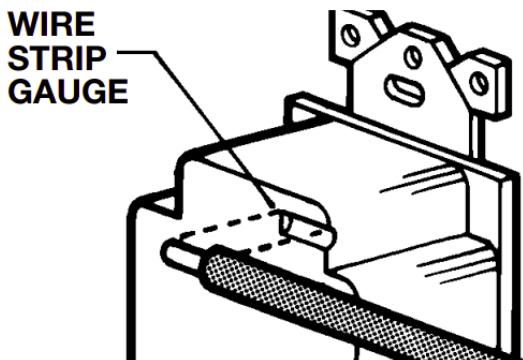
INSTALLATION INSTRUCTIONS:

This spring wound timer is as easy to install as a light switch in a standard 2-1/2 inch deep vertically installed junction box in place of (or to replace) a standard single pole, 3-way or double pole single throw (depending on timer model) wall switch. This spring wound timer will automatically turn off lights, fans, air conditioners and other loads after a preset timing period.

CAUTION: This timer should not be used in precision timing applications where inaccurate timing could have dangerous consequences (i.e. sun lamps, sauna, etcetera).
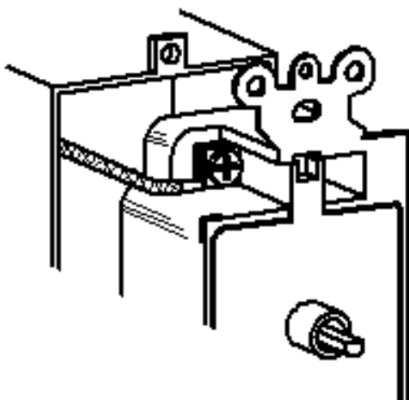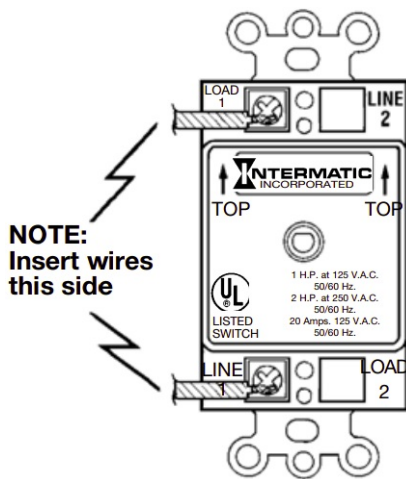
INSTALLATION

Depending on the type of spring wound timer you have, you may need to supply a standard single or multi-gang wall switch plate with either a toggle opening or a decorator type opening. If your timer is supplied with a metallic silver plastic time dial wall plate (models with FF prefix), see illustration "A". If your timer is supplied with a small ivory, white or other colored plastic time dial plate (models with FD prefix), you will need to supply a standard toggle or decorator design wall switch plate and see illustration "B1" or "B2".

1. Be sure to turn off electrical power at breaker or fuse panel for safety during installation.
2. Remove wall plate and disconnect switch from vertically installed junction box.
3. Strip end of wires 1/2 inch long as per strip gauge on back of timer.

4. Insert stripped end of wires under the pressure plate of terminal screws on the side of timer (terminal screws provided in plastic bag). **SCREW DOWN TIGHTLY.** Use **COPPER** wire **ONLY**
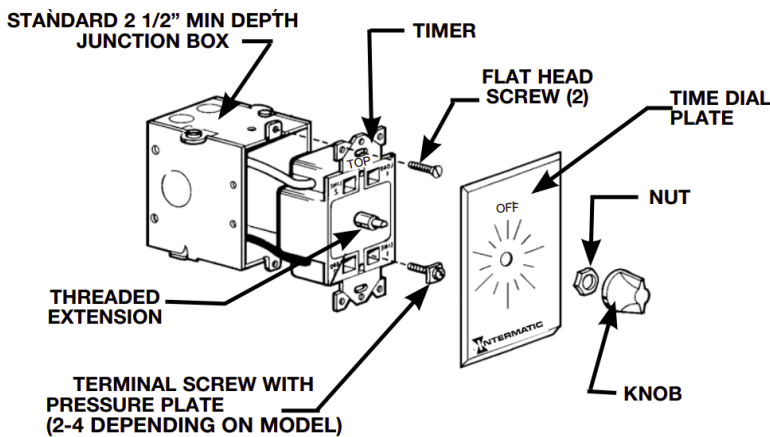
NOTE: Insert wires this side

5. Insert wired timer into a 2-1/2 inch deep standard wall junction box with "TOP" (indicated on front of timer) in proper position and fasten timer to junction box using the two long screws provided.

   "FF" Models Only (See Illustration "A")

6. Slip time dial plate over threaded extension with "OFF" mark of time dial plate on top as marked on front of timer (see illustration "A").

7. Fasten time dial plate securely to timer with stamped nut provided (see illustration "A").

ILLUSTRATION A

   "FD" Models Only (Illustration B1 and B2)

8. Illustration "B1" – Place standard toggle or decorator plate on timer, do not over tighten.

   NOTE:

   If you are using a standard toggle switch plate, illustration B1, it is not necessary to use the two screws provided with the switch plate. The nut provided with the timer will securely hold the switch plate. The screws, if used, must be self-tapped into the timer body and will require a gentle inward pressure while turning the screw firmly in order to self-tap into the timer body. If using a decorator style wall switch plate, illustration B2 threaded holes are provided in the metal tabs at the opposite ends of the timer. Fasten the decorator style plate using the two screws provided with the switch plate, but do not over tighten.

9. Slip plastic time dial plate over threaded extension with "OFF" mark of time dial plate on top as marked on front of timer and fasten securely to timer with nut provided. **DO NOT OVER TIGHTEN**. (See illustration **"B1"**).
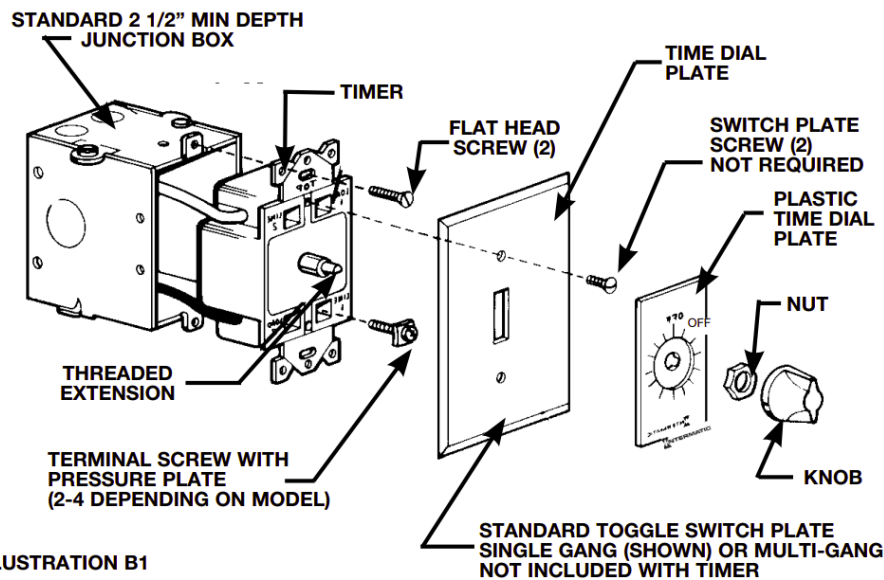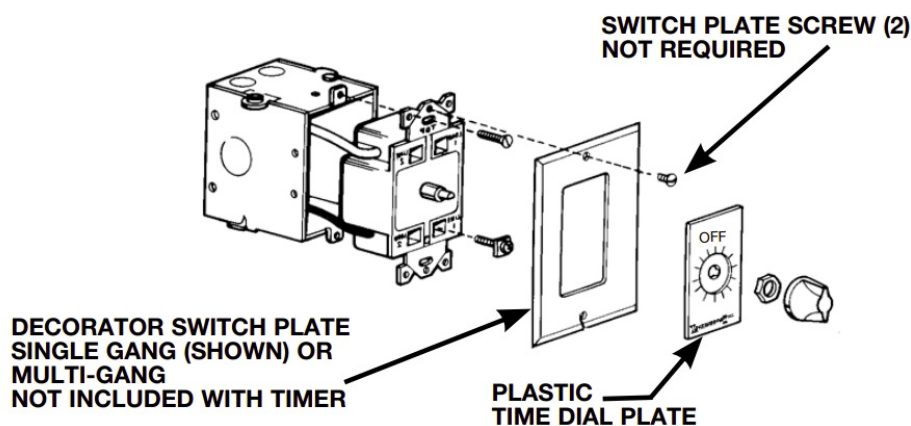
STANDARD 2 1/2" MIN DEPTH JUNCTION BOX

TIMER

FLAT HEAD SCREW (2)

TIME DIAL PLATE

SWITCH PLATE SCREW (2) NOT REQUIRED

PLASTIC TIME DIAL PLATE

NUT

KNOB

THREADED EXTENSION

TERMINAL SCREW WITH PRESSURE PLATE (2-4 DEPENDING ON MODEL)

STANDARD TOGGLE SWITCH PLATE SINGLE GANG (SHOWN) OR MULTI-GANG NOT INCLUDED WITH TIMER

ILLUSTRATION B1

ILLUSTRATION B2

SWITCH PLATE SCREW (2) NOT REQUIRED

DECORATOR SWITCH PLATE SINGLE GANG (SHOWN) OR MULTI-GANG NOT INCLUDED WITH TIMER

PLASTIC TIME DIAL PLATE

10. Push knob on timer shaft so knob pointer centers on **"OFF"** on dial plate. The knob has a **"D"** shaped hole which matches the "D" shaft on the timer.

11. Restore power.

HOW TO OPERATE YOUR TIMER:

FOR AUTOMATIC TIMING OPERATION: Turn timer clock-wise ⬊ to time desired. Timer will turn "OFF" load at the end of preset timed period. Note that timers (SPDT) wired for reverse action applications will turn load "ON" at end of preset timing period

TO BYPASS TIMER: (Models with "hold" feature only.) – **Turn counter clockwise** ⬉ to stop. At this position, timer does not operate, but switch is **"ON"** until knob is manually returned to **"OFF".**
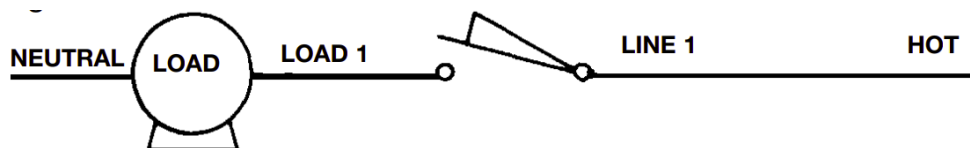
APPLICATIONS

The variety of pole configurations available allow Intermate spring wound timers to be used for many applications as detailed to follow:

SPST
Used to break the hot side of any 120 volt load such as"

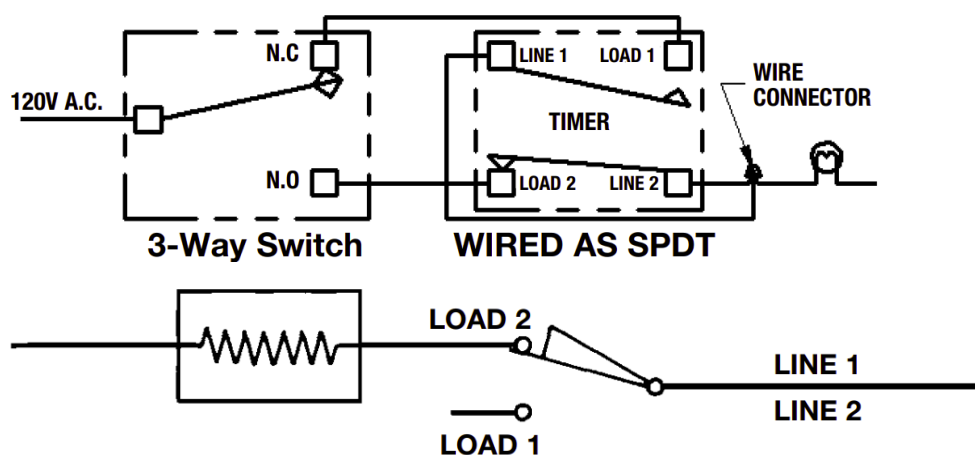- Coffee Pots
- Air Conditioners
- Lighting

- Ventilating Fans

SPDT

For applications requiring 3-way switching (2 timers or timer and 3-way switch) or reverse action applications. Reverse action applications allow a load to be turned **"OFF"** for a limited time, after which the load will switch back **"ON".** Three way applications are used for controlling a load from two different locations such as:

- Hallways
- Corridors
- Self-storage Facilities
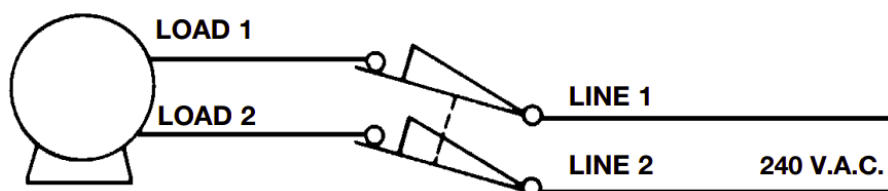- Upper Level/Lower Level

Reverse Action Switching

DPST

For applications where both sides of a 208, 240 or 277 volt load must be switched. Applications such as:

- Large Horse Power Motors
- Pumps
- Indoor Lighting
- Outdoor Lighting

LIMITED WARRANTY

Warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased or (b) completing a warranty claim online at www.intermatic.com. This warranty is made by: Intermatic Incorporated, 1950 Innovation Way, Suite 300, Libertyville, IL 60048. For additional product or warranty information go to: **http://www.Intermatic.com** or call 815-675-7000.
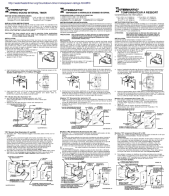
INTERMATIC INCORPORATED
LIBERTYVILLE, IL 60048

158–02253

Documents / Resources

INTERMATIC Spring Wound Interval Timer [pdf] Instructions
Spring Wound Interval Timer, Spring, Wound Interval Timer, Interval Timer, Timer