

◆ **GENERAL INFORMATION**

Ratings: 20A - 125VAC General Purpose
 10A - 250VAC General Purpose
 10A - 277VAC General Purpose
 7A - 125VAC Tungsten
 1HP - 125VAC
 2HP - 250VAC

NOTE: This product not intended for use with ballast loads.

Switching: 2X SPST (One N.O. switch and one N.C. switch)

Operating temperature: 0°C - 40°C (32°F - 104°F)

NOTE: Indoor use only.

Description:

This easy-to-use mechanical time switch will energize a load such as a fan or lamp, and automatically turn it off after a set time delay. This is the typical function and known as a normally-open (N.O.) circuit. After installation, simply wind the time switch knob to the desired time setting to turn the load on. When the timer reaches the "zero" point, the load will shut off. Installation is similar to that of a standard toggle switch.

Features:

- Easy operation; rotate knob to operate device.
- Provides timed control for lighting, fans, A/C units, small appliances.
- Adjustable time delay from "0" up to the maximum time delay of the timer.
- Works with toggle and decorator style wall plates.
- Some models include a "HOLD" feature that allows the time switch to operate like a standard toggle switch.

◆ **INSTALLATION**

CAUTION: INSTALLATION BY A LICENSED ELECTRICIAN IS RECOMMENDED. INSTALLATION AND USE OF THIS EQUIPMENT SHOULD BE IN ACCORDANCE WITH PROVISIONS OF THE U.S. NATIONAL ELECTRICAL CODE, APPLICABLE LOCAL CODES, AND PERTINENT INDUSTRY STANDARDS.

CAUTION: USE THIS DEVICE WITH COPPER WIRE ONLY.

CAUTION: THESE TIMERS ARE NOT TO BE USED IN PRECISION TIMING APPLICATIONS WHEN INACCURATE TIMING COULD HAVE DANGEROUS CONSEQUENCES SUCH AS WITH SUN LAMPS OR TANNING EQUIPMENT.

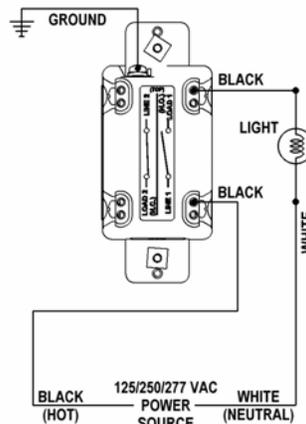
WARNING: TO AVOID FIRE, SHOCK, OR DEATH, TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT POWER IS OFF BEFORE WIRING!

- 1) Remove existing wall plate and switch if applicable.
- 2) Remove 3/8-1/2 inch of insulation from each circuit conductor if required.
- 3) Attach the "Hot" and "Load" lead wires to the time switch by inserting the stripped end of the wires into the time switch terminals on the back of the timer. Be sure to note the proper connections for your application. See **WIRING DIAGRAMS**. Screw terminals down tight to secure the wires to the time switch.
- 4) Attach the ground lead from the wall box to the green terminal screw at the top of the time switch.
- 5) Gently position wires in wall box to allow room for switch.
- 6) Insert the time switch into the wall box being careful not to pinch any wires. Be sure "TOP" indicated on the back of the time switch is facing up.
- 7) Fasten the time switch to the wall box with the screws provided.
- 8) Attach standard toggle or decorator switch plate, or custom switch plate on time switch face referring to the appropriate **INSTALLATION DIAGRAM**. Be sure not to overtighten wall plate screws.
- 9) Attach the small rectangular dial if used so that "OFF" is in the up position and fasten with hex nut.
- 10) Push knob onto time switch shaft, handle facing down.
- 11) Restore power at circuit breaker.

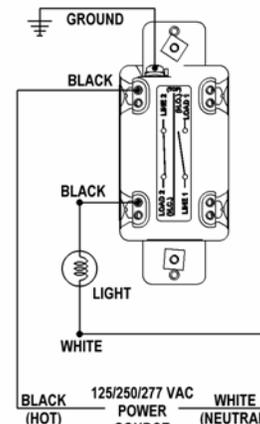
ONE YEAR LIMITED WARRANTY

If this product fails because of a manufacturing defect within one year after purchase, we will replace it at no charge. Our warranty does not cover damage caused by accident, abuse, or misuse. We assume no further liability with respect to the sale or use of this product. This warranty is in lieu of all other warranties, expressed or implied, including the warranty of merchantability. We make no warranty with respect to the fitness of any goods for the user's particular application. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

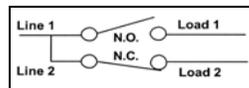
◆ **WIRING DIAGRAMS**



SPST Wiring Example (N.O.)
Typical Operation

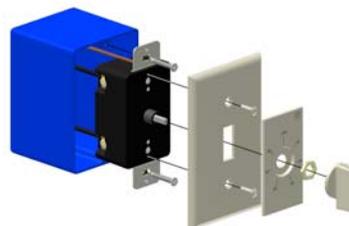


SPST Wiring Example (N.C.)
Reverse-Acting Operation

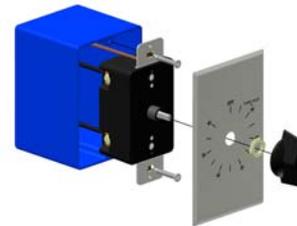


NOTE: For SPDT operation, install a jumper wire from the Line 1 terminal to the Line 2 terminal as shown.

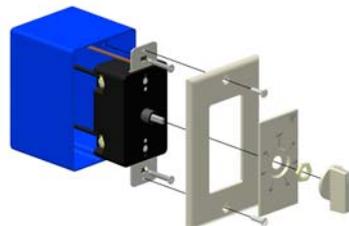
◆ **INSTALLATION DIAGRAMS**



Standard Toggle Switch Plate with Dial



Custom Switch Plate



Standard Decorator Switch Plate with Dial

NOTE: Wall box depth must be 2-1/2 inches minimum.

◆ **OPERATION**

Typical (Normally-Open)

- Turn knob clockwise to desired time setting to energize the load.
- Time switch will automatically turn the load off at the end of the time period.

Reverse-Acting (Normally-Closed)

- Load is already on. Turn knob clockwise to desired time setting to de-energize the load.
- Time switch will automatically turn the load on at the end of the time period.

"HOLD" Feature

- If your time switch is equipped with a "HOLD" feature, for Typical Operation, rotate knob counter-clockwise to energize the load. The knob will have to be manually turned back to "OFF" to shut the load off.

NOTE: Time switch will not turn load off automatically if "HOLD" is used.

- For Reverse-Acting Operation, using the "Hold" feature will turn the load off until the knob is manually rotated back to the "zero" position.