

DESCRIPTION AND OPERATION

The RT1 is a time switch that turns OFF the connected light or fan when the selected time expires. The pilot light behind the ON/OFF button and the time delay indicator light illuminates while the switch is OFF. When the switch is ON, the pilot light behind the ON/OFF button turns OFF.

Manual ON

Turn ON the connected light or fan by pressing the desired time button, or the ON/OFF button. If you press the ON/OFF button, it activates the time delay that was last used.

Manual OFF

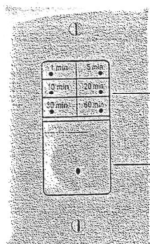
While the timer is active, you can press the ON/OFF button to turn OFF the connected light or fan without delay.

Changing the selected time

If you decide that you need more or less time than you originally selected, restart the time switch by pressing the button that matches the amount of time you think you'll need.

Please read all instructions before installing

**RT1
Time Switch
7-Button Preset**



6 time selection buttons with activation indicator lights

ON/OFF button with pilot light

Installation Instructions

SPECIFICATIONS

- Voltage 120VAC, 60HZ
- Load
 - Single Pole Circuit 0 – 600 Watt
 - Incandescent or fluorescent lamp or 1/6HP fan motor
- Time Delay 1, 5, 10, 20, 30, 60 minutes
- Environment
 - Operating Temperature 32° to 131°F (0° to 55°C)
 - Humidity 95% RH, non-condensing
- Tools Needed
 - Insulated Screwdriver
 - Wire Strippers

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INSTALLATION & WIRING

WARNING

Disconnect power to the wall switch box by turning OFF the circuit breaker or removing the fuse for the circuit before installing the RT1, replacing lamps, or doing any electrical work.

1. Prepare the switch box.

After the power is turned OFF at the circuit breaker box, remove the existing wall plate and mounting screws. Pull the old switch out from the wall box.

2. Identify the type of circuit.

In a Single Pole Circuit (see Fig. 2), two single wires connect to two screws on the existing switch. A ground wire may also be present and connected to a ground terminal on the old switch. A neutral wire should also be present in the wall box.

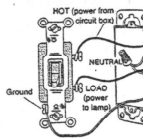


Fig 2: Typical Single Pole Switch Wiring

CAUTION

For your safety: Connecting a proper ground to the time switch provides protection against electrical shock in the event of certain fault conditions. If a proper ground is not available, consult with a qualified electrician before continuing installation.

Only connect the RT1 to a Single Pole Circuit. The RT1 is not suitable for 3-way switching. If the existing wiring does not match the description for a Single Pole Circuit, you should consult with a qualified electrician.

3. Prepare the wires.

Tag the wires currently connected to the existing switch, so that they can be identified later. Disconnect the wires. Make sure the insulation is stripped off the wires to expose their copper cores to the length indicated by the "Strip Gage" in Fig. 3 (approximately 1/2 inch).

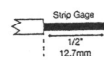


Fig 3: Wire Stripping

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4. Wire the time switch.

- Twist the existing wires together with the wire leads on the time switch as indicated in the drawing. Cap them securely using the wire nuts provided. See Fig 4.
- Connect the green or non-insulated (copper) GROUND wire from the circuit to the GROUND terminal on the RT1.
- Connect the power wire from the circuit (HOT) to the black wire on the RT1.
- Connect the power wire to the lamp or fan (LOAD) to the red wire on the RT1.
- Connect the NEUTRAL wires from the circuit to the white wire on the RT1.

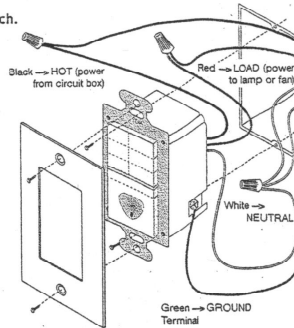


Fig 4: Switch Orientation, Wire Connections and Wall Box Assembly

5. Put the RT1 in the wall box with the time selection buttons positioned above the ON/OFF button.

Secure it to the wall box with the screws provided.

6. Attach the new cover plate.

7. Restore power to the circuit.

Turn on the breaker or replace the fuse.