WARNINGS AND CAUTIONS

• TO AVOID FIRE, SHOCK, OR DEATH: TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring!
• To be installed and/or used in accordance with electrical codes and regulations.
• Confirm that device ratings are suitable for application prior to installation.
• Use this device with copper or copper clad wire only.
• Connect to field wiring rated for 60° C or greater.
• DO NOT install if product appears to be damaged.
• For indoor use only.
• Read these instructions before installation and retain for future reference.

INSTALLATION INSTRUCTIONS

WIRING FOR TS300 SERIES

1. WARNING: TO AVOID FIRE, SHOCK, OR DEATH: TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring!
2. Connect the timer black wire to line. Connect the timer red wire to the load. Cap unused yellow wire.
3. Connect the green wire to the ground. Unit must be properly grounded to operate.
4. Mount the timer inside electrical box using 2 mounting screws provided.
5. Turn power ON at the electrical panel.
6. Timer dip switches are factory preset for 2 hour operation. Change dip switches and program only if custom setting is desired. Follow SET-UP INSTRUCTIONS.

NOTE: Wall plate must be removed to open timer cover and change settings.

RETROFITTING A TS300 TO EXISTING 3-WAY OR 4-WAY SWITCH

1. WARNING: TO AVOID FIRE, SHOCK, OR DEATH: TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring!
2. Disconnect the second 3-way switch.
3. Connect the timer red wire to the load. Connect the timer black wire to “Traveler A” and the timer yellow wire to “Traveler B. Connect the green wire to the ground. Unit must be properly grounded to operate.
4. Mount the timer inside electrical box using two mounting screws provided.
5a. (3-way switch wiring Figure 2): At switch #1 connect a wire between the Hot leg of the 3-way and “Traveler A” inside of that switch’s gang-box.
5b. (4-way switch wiring Figure 3): Replace wall switches with a properly rated momentary switch. At switch #1, connect “Traveler A” to Hot leg and one side of momentary switch. Connect “Traveler B” to other side of momentary switch. At switch #2, connect “Traveler A” together and to one side of momentary switch. Connect “Traveler B” together and to other side of momentary switch.
6. Turn power ON at the electrical panel.
7. Timer dip switches are factory preset for 2 hour operation. Change dip switches and program only if custom setting is desired. Follow SET-UP INSTRUCTIONS.
8. Close timer cover and install wall plate. Settings are now tamper resistant.

NOTE: Wall plate must be removed to open timer cover and change settings.

NOTE: Maximum wire length from the 3-way (multi-way) switch to timer is 100 ft.
The TS300 timers are factory preset to meet newer energy code override mandates. No adjustment is required. This setting will provide a two hour maximum operating time before shut off. The scroll feature is active to allow the user to change the operating time with the maximum time setting at two hours.

**Set-up Instructions for the TS300 Series**

When powering up for the first time, allow 1 minute for unit to show OFF on screen. If the screen in blank after 1 minute, press RESET button, see Figure 4.

**Default Set 2 hours**

The TS300 timers are factory preset to meet newer energy code override mandates. No adjustment is required. This setting will provide a two hour maximum operating time before shut off. The scroll feature is active to allow the user to change the operating time with the maximum time setting at two hours.

**DIP Switches**

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td>ON</td>
<td>OFF</td>
<td>ON</td>
<td>OFF</td>
<td>OFF</td>
</tr>
</tbody>
</table>

**DIP Switches (Scroll Up and Down)**

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td>ON</td>
<td>OFF</td>
<td>ON</td>
<td>OFF</td>
<td>OFF</td>
</tr>
</tbody>
</table>

**Set Other Than Factory Default Operation**

1. **4HR:** Set ON for preset 4 hour maximum countdown when 2HR is set to OFF. Also used in custom time programming.
2. **2HR:** Set ON for preset 2 hour maximum countdown when 4HR is set to OFF. Also used in custom time programming.
3. **LIMIT:** Used with programming sequence. Switch from ON to OFF to limit scroll to match custom time.
4. **SCROLL:** Set ON allows timer to scroll to a shorter run time. Set OFF to disable. Also used in programming sequence. Switch from ON to OFF to set a custom time. The time scrolls in steps:
   - 5 minutes from 5 minutes to 1 hour.
   - 10 minutes from 1 to 4 hours.
   - 30 minutes from 4 hours to 12 hours.
   - 1 hour steps from 12 to 24 hours.
5. **BEEPER:** Set ON activates feature for beep warning every 15 seconds starting at 2 minutes before OFF. See Figure 5.
6. **BLINK:** Set ON activates feature for load flash 2 minutes before OFF. See Figure 5.

**Activate Warning Features**

The TS300 series provides for a warning 2 minutes before shutting load off. The optional audible warning beeps every 15 seconds for the 2 minute warning period. The optional blink warning will turn off the load for 1 second at 2 minutes before shut off. To activate one or both, change the switch matching the feature to the ON position. An icon will confirm these features are active. See Figure 5.

**Set a Custom Time (Something Other Than 2 or 4 Hours)**

The TS300 series may be programmed to a custom length of time for countdown. The time can range between 5 minutes and 24 hours. The scroll feature is active to allow the user to change the operating time up to the custom time setting.

**Set a Custom Time and Allow Scroll Up to 24 Hours**

The TS300 series may be programmed to a custom length of time for countdown. The scroll feature is active to allow the user to change the operating time up to the maximum time setting of 24 hours.

**Operations**

Once set-up is complete, attach the supplied decorator-type wallplate to the unit. The bottom cover becomes the switch to control the timer operations. Press the bottom cover once, Timer will be preset time, press again, press a second time, shut off. Pressing the bottom cover again will turn load OFF. If the scroll feature is active, press and hold the main bottom cover and timing will change. Release when the desired time is shown.

In the OFF mode, LCD screen scrolls timer interval message every 15 seconds (Set-For-HH:MM-Load-OFF). Example of 3 hour default message: Set-For-02:00 • Load-OFF.

**Limited 5 Year Warranty and Exclusions**

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton’s only obligation is to correct such defects by repair or replacement, at its option. For details visit www.leviton.com or call 1-800-824-3005. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions.

There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but no implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation.

The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.