

## Intermatic T101

# Intermatic T101 24-Hour Mechanical Timer Switch User Manual

Model: T101

## 1. INTRODUCTION

The Intermatic T101 is a robust and reliable 24-hour mechanical timer switch designed for heavy-duty applications. It provides automatic control for various electrical loads such as indoor lights, water heaters, exhaust fans, pool pumps, and HVAC systems. Its durable steel enclosure makes it suitable for indoor installations in utility rooms, garages, workshops, or control panels. This manual provides essential information for the safe installation, operation, and maintenance of your T101 timer switch.



Figure 1: Intermatic T101 Timer Switch (Closed Enclosure)

## 2. KEY FEATURES

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- **Single Pole, Single Throw (SPST):** Supports heavy-duty 40 Amp loads at 120V AC.
- **24-Hour Mechanical Control:** Provides reliable, analog-style daily scheduling.
- **Multiple ON/OFF Operations:** Capable of up to 12 ON/OFF operations every 24 hours.
- **Included Trippers:** Comes with one ON and one OFF tripper for immediate programming.
- **Manual Override:** Built-in lever for temporary on-demand control without affecting programmed timing.
- **Durable Indoor Enclosure:** Constructed with a gray steel housing and knockout ports for wiring.
- **Certifications:** UL and CSA certified for safety and reliability.

## 3. SETUP AND INSTALLATION

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**WARNING: Disconnect power at the main panel before servicing this switch or the equipment it controls. Failure to do so may result in serious injury or death.**

Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.

### 3.1 Mounting

1. Choose a suitable indoor location for mounting the timer, ensuring it is protected from moisture and extreme temperatures.
2. Securely mount the timer enclosure to a wall or suitable surface using appropriate fasteners through the mounting holes provided.

### 3.2 Wiring

The T101 is a Single Pole, Single Throw (SPST) switch designed for 120V AC applications. Refer to the wiring diagram inside the timer enclosure for specific connections. Ensure all connections are tight and secure.

- Connect the incoming **LINE** (hot) wire to the terminal marked 'LINE'.
- Connect the outgoing **LOAD** wire to the terminal marked 'LOAD'.
- Connect the **NEUTRAL** wire to the terminal marked 'NEUTRAL'.
- Ensure proper grounding according to local codes.

**CAUTION: Do not connect aluminum wires to switch terminals. Use copper conductors only.**



Figure 2: Internal view showing wiring terminals and timer dial

## 4. OPERATING INSTRUCTIONS

### 4.1 Setting Current Time

1. Rotate the yellow dial clockwise until the current time of day aligns with the **SET TIME** arrow located at the center of the dial.
2. Ensure AM/PM is correctly observed (e.g., 3 PM is 15 on the 24-hour dial).

### 4.2 Programming ON/OFF Times

The timer uses trippers to set ON and OFF events. One ON tripper (green) and one OFF tripper (red) are included.

1. To set an ON time, slide the green ON tripper onto the dial at the desired time.
2. To set an OFF time, slide the red OFF tripper onto the dial at the desired time.
3. Ensure a minimum of 1-hour interval between ON and OFF events.
4. Additional trippers can be purchased to program up to 12 ON/OFF events per day.

### 4.3 Manual Override

The T101 features a manual override lever located below the dial. This allows you to temporarily turn the connected load ON or OFF without disturbing the programmed schedule.

- To manually turn the load ON, push the lever towards the 'ON' position.
- To manually turn the load OFF, push the lever towards the 'OFF' position.
- The timer will resume its programmed schedule at the next scheduled ON or OFF event.

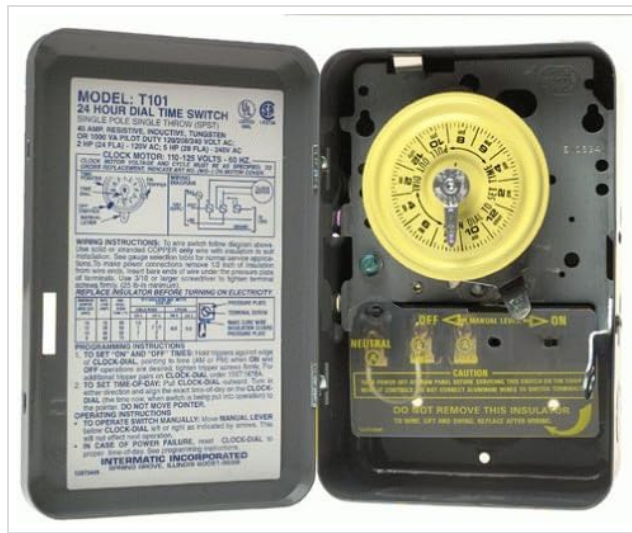


Figure 3: Timer dial with trippers and manual override lever

## 5. MAINTENANCE

The Intermatic T101 timer switch is designed for long-term, reliable operation with minimal maintenance. No user-serviceable parts are inside the sealed motor mechanism.

- Periodically inspect the timer for any signs of damage or loose connections.
- Keep the enclosure clean and free from dust and debris. Use a dry cloth for cleaning.
- Do not lubricate any part of the timer.

## 6. TROUBLESHOOTING

If you experience issues with your T101 timer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Timer dial not rotating.	No power to the timer.	Check circuit breaker or fuse. Verify wiring connections.
Load does not turn ON/OFF at programmed times.	Trippers incorrectly placed or missing.	Ensure ON and OFF trippers are securely in place at the desired times.
Load does not turn ON/OFF.	Faulty wiring or loose connections.	Verify all wiring connections are secure. Consult a qualified electrician.
Manual override not working.	Lever stuck or damaged.	Gently attempt to move the lever. If damaged, contact customer support.

## 7. SPECIFICATIONS

Attribute	Value
Model Number	T101
Voltage	120V AC
Amperage	40 Amp

Attribute	Value
Switch Type	Single Pole, Single Throw (SPST)
Enclosure Material	Steel
Color	Gray
Product Dimensions (D x W x H)	5.3" x 8.2" x 3.3"
Item Weight	2.6 Pounds
Number of Settings	12 (with additional trippers)
Batteries Required	No
UPC	078275000018

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please contact Intermatic customer service directly. Keep your purchase receipt as proof of purchase.

You can find more information about Intermatic products and support on their official website or brand store:  
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