

Manuals.plus /

› Pissente /

› Pissente Programmable Digital LCD Timer Relay Switch (12V) - Instruction Manual

**Pissente Pissentekubhgwgwzoe7-01**

# Pissente Programmable Digital LCD Timer Relay Switch (12V)

Instruction Manual

## 1. INTRODUCTION

---

This manual provides comprehensive instructions for the Pissente Programmable Digital LCD Timer Relay Switch. This device is designed for precise control of electrical appliances, offering daily and weekly programming capabilities with up to 16 ON/OFF settings. It features a real-time LCD display and is suitable for DIN rail installation.



Image 1: Angled view of the Pissente Digital LCD Timer Relay Switch. This image shows the overall design of the timer, including its DIN rail mounting clips and terminal connections.

## 2. PRODUCT COMPONENTS

The timer features an LCD display for time and program status, along with several control buttons for setup and programming.

- **LCD Display:** Shows current time, day, and ON/AUTO/OFF status.
- **Control Buttons:** Used for setting time, programs, and manual control. These include **P** (Program), **D+** (Day), **H+** (Hour), **M+** (Minute), **C/R** (Cancel/Recall/Reset), and the **Time** button.
- **Terminals:** Connections for power input (L, N) and load output (1, 2, 3, 4, 5 for NO/NC contacts).
- **DIN Rail Mount:** Integrated clips for easy installation on a standard DIN rail.



*Image 2: Close-up view of the timer's LCD display and control buttons. This image highlights the 'P', 'D+', 'H+', 'M+', 'RESET', and 'MANUAL C/R' buttons, along with the digital time display.*

### **3. SPECIFICATIONS**

---

Parameter	Value
Input Voltage	AC/DC 12V (for this variant)
Current	15A
Power Consumption	4.5VA (max)
Switching Capacity (Resistive)	16A @ 250VAC
ON/OFF Settings	16 ON and 16 OFF (daily/weekly)
Timing Range	1 minute to 168 hours
Minimum Interval	1 minute
Display	LCD
Time Error	≤2 seconds/day (at 25°C)
Battery Backup	1.2V 40mAh NiMH (built-in), ≥15 days
Mounting Method	DIN Rail
Operating Temperature	-10°C to 55°C
Operating Humidity	35-85% RH
Dimensions (L x W x H)	3.93 x 3.14 x 2.75 inches (approx. 100 x 80 x 70 mm)
Weight	4.8 ounces (approx. 136g)

## 4. INSTALLATION

### 4.1 DIN Rail Mounting

The timer is designed for easy installation on a standard 35mm DIN rail. Simply clip the device onto the rail until it locks securely.

### 4.2 Wiring Diagram

Connect the timer according to the diagram below. Ensure all connections are secure and comply with local electrical codes. The input voltage for this specific timer is 12V AC/DC.



Image 3: Rear view of the timer showing the wiring diagram. Terminals L and N are for power input (12V AC/DC). Terminals 1 and 2 are for the load input. Terminals 3, 4, and 5 are for the relay output (3: Common, 4: Normally Open (NO), 5: Normally Closed (NC)).

- **L, N:** Power input terminals (12V AC/DC).
- **1, 2:** Load input terminals (connect to the device you want to control).
- **3:** Common terminal for the relay output.
- **4:** Normally Open (NO) contact. The circuit is closed when the timer is ON.
- **5:** Normally Closed (NC) contact. The circuit is closed when the timer is OFF.

## 5. INITIAL SETUP

### 5.1 First-Time Use and Reset

1. When using the timer for the first time, connect it to the 12V AC/DC power supply to charge the internal battery.
2. Press the **C/R** (Reset) button located on the front panel. This will clear all settings and reset the timer to its default state.

### 5.2 Setting Time Format (12/24-Hour Mode)

The timer defaults to 24-hour mode.

- To switch to 12-hour mode: Press and hold the **Time** button (bottom left, next to Reset) for approximately 5 seconds until 'AM' or 'PM' appears on the display.
- To switch back to 24-hour mode: Press and hold the **Time** button again for 5 seconds.

## 5.3 Setting Current Time and Day

1. Press the **Time** button once. The clock icon will appear.
2. Press **D+** to set the current day of the week.
3. Press **H+** to set the current hour.
4. Press **M+** to set the current minute.
5. Press the **Time** button again to save and exit.

## 6. PROGRAMMING INSTRUCTIONS

---

The timer allows for up to 16 ON/OFF programs. Follow these steps to set your desired schedules.

1. Press the **P** button. The display will show '1 ON'. This indicates you are setting the first ON time.
2. Press **D+** to select the days of the week for this program. You can choose individual days, weekdays, weekends, or all days. If you want the same setting for every day, you do not need to press this button.
3. Press **H+** to set the desired hour for the ON time.
4. Press **M+** to set the desired minute for the ON time.
5. Press the **P** button again. The display will show '1 OFF'. This indicates you are setting the first OFF time.
6. Press **D+** to select the days of the week for this OFF program (usually the same as the ON program).
7. Press **H+** to set the desired hour for the OFF time.
8. Press **M+** to set the desired minute for the OFF time.
9. Repeat steps 1-8 to set additional ON/OFF programs (up to 16 pairs).
10. After setting all desired programs, press the **Time** button to save and exit programming mode.



*Image 4: Angled view of the timer with its protective cover open, revealing the control buttons. This view is useful when interacting with the buttons for programming.*

## 7. MANUAL CONTROL

The timer allows for manual override of programmed settings. The **MANUAL C/R** button cycles through different modes:

- **ON:** The output is continuously ON, overriding any OFF programs.
- **AUTO:** The timer operates according to the programmed ON/OFF schedules.
- **OFF:** The output is continuously OFF, overriding any ON programs.

Press the **MANUAL C/R** button repeatedly to cycle through these modes (ON > AUTO ON > OFF > AUTO OFF). The display will indicate the current manual status.

## 8. UNLOCK INSTRUCTIONS

---

To prevent accidental changes, the timer automatically locks the buttons if no operation is performed for 15 seconds. To unlock the buttons:

- Press the **C/R** button four times in quick succession. The 'lock' icon (often represented by a small 'a' in the lower left corner of the display) will disappear, indicating the buttons are unlocked and ready for operation.
- After completing your settings, the timer will automatically re-lock after 15 seconds of inactivity. You can also manually re-lock by pressing the **C/R** button four times again.

## 9. MAINTENANCE

---

The Pissente Digital LCD Timer Relay Switch requires minimal maintenance. Keep the device clean and free from dust. Do not expose it to extreme temperatures or humidity outside of the specified operating conditions. No user-serviceable parts are inside.

## 10. TROUBLESHOOTING

---

- **Display is blank:** Ensure the timer is connected to a 12V AC/DC power supply. If it's a new installation, allow time for the internal battery to charge. Press the **C/R** (Reset) button.
- **Timer not responding to button presses:** The buttons may be locked. Press the **C/R** button four times to unlock.
- **Programs not activating:** Check if the timer is in 'AUTO' mode using the **MANUAL C/R** button. Verify that the current time and day are set correctly. Review your programmed ON/OFF times for accuracy.
- **Output always ON/OFF:** Check the manual control setting using the **MANUAL C/R** button. Ensure it is set to 'AUTO'.
- **Incorrect time display:** Reset the current time and day as described in Section 5.3.

## 11. SUPPORT INFORMATION

---

For further assistance or inquiries regarding your Pissente Programmable Digital LCD Timer Relay Switch, please refer to the product's original packaging or contact the retailer where the product was purchased. Keep your purchase receipt and model number (Pissentekubhgwzoe7-01) handy for support.