

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [VEMER](#) /
- › [VEMER Logik Micro DW Digital Timer Switch VP888200 User Manual](#)

## VEMER VP888200

# VEMER Logik Micro DW Digital Timer Switch VP888200 User Manual

Model: VP888200

<a href="#">Introduction</a>	<a href="#">Safety Information</a>	<a href="#">Product Overview</a>	<a href="#">Operating Setup</a>	<a href="#">Instructions</a>	<a href="#">Maintenance</a>
<a href="#">Troubleshooting</a>	<a href="#">Specifications</a>	<a href="#">Warranty &amp; Support</a>			

### 1. INTRODUCTION

The VEMER Logik Micro DW VP888200 is a compact digital daily and weekly timer switch designed for precise management of electrical loads. This device features a modular 1 DIN unit design, an LCD display, and supports up to 20 ON/OFF or impulse programs with a 1-minute resolution. It is ideal for automating various electrical circuits in residential or commercial settings.

### 2. SAFETY INFORMATION

Please read these safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or damage to the device.

- **Electrical Installation:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- **Power Disconnection:** Always disconnect power to the circuit at the main breaker before installing, servicing, or removing the device.
- **Voltage:** Ensure the supply voltage matches the device's specifications (230V AC, 50/60Hz).
- **Load Capacity:** Do not exceed the maximum load capacity of the relay (16A at 250V AC,  $\cos(\Phi)=1$ ).
- **Environment:** Do not expose the device to moisture, extreme temperatures, or corrosive environments. The operating temperature range is  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .
- **Protection:** The device has an IP40 protection rating, meaning it is protected against solid objects larger than 1mm but not against liquids.

### 3. PRODUCT OVERVIEW

The VEMER Logik Micro DW is a compact digital timer switch designed for DIN rail mounting. It features a clear LCD display for programming and status indication.

### **3.1. Physical Dimensions and Wiring Diagram**

The following image illustrates the front and side dimensions of the Logik Micro DW, along with its electrical wiring diagram.



**Image Description:** This image displays three views of the VEMER Logik Micro DW VP888200. On the left, the "Vista frontale" (Front view) shows the device's height as 88mm and width as 18mm. In the center, the "Vista laterale" (Side view) indicates a depth of 60mm and a DIN rail clip height of 45mm. On the right, the

"Schema" (Wiring Diagram) illustrates the electrical connections: L (Line) and N (Neutral) inputs, and the relay contacts labeled 1, 2, 3, 4, 5, 6. The diagram shows the internal relay switching between contacts for load control.

- **Front View:** Height 88mm, Width 18mm.
  - **Side View:** Depth 60mm, DIN rail clip height 45mm.
  - **Wiring Diagram:**
    - **L (Line) and N (Neutral):** Power supply input.
    - **Relay Contacts:** The device features a single changeover relay (1 NO/NC contact). Connect the load according to the desired switching configuration.
- 

## 4. SETUP

### 4.1. Installation

1. **Power Disconnection:** Ensure the main power supply to the electrical panel is disconnected before beginning installation.
2. **Mounting:** Mount the Logik Micro DW onto a standard 35mm DIN rail. The device occupies 1 DIN module.
3. **Wiring:** Refer to the wiring diagram in Section 3.1.
  - Connect the Line (L) and Neutral (N) power supply wires to the designated terminals.
  - Connect the electrical load to the relay output terminals. The device has one changeover contact.
4. **Secure Connections:** Ensure all wire connections are secure and properly tightened.
5. **Power Restoration:** Once installation is complete and verified, restore power to the electrical panel.

### 4.2. Initial Power-Up and Time Setting

Upon initial power-up or after a prolonged power outage, the display may show default settings or require time synchronization.

1. **Display Activation:** The LCD display will activate. If it's blank, ensure power is supplied correctly.
  2. **Set Current Time and Day:** Use the device's buttons (refer to the specific button layout on the device, not detailed in provided data) to set the current time and day of the week. This is crucial for accurate program execution.
- 

## 5. OPERATING INSTRUCTIONS

The Logik Micro DW allows for daily and weekly programming of electrical loads.

### 5.1. Programming Modes

- **Daily Programming:** Programs repeat every day at the same set time.
- **Weekly Programming:** Programs can be set for specific days of the week or groups of days.

### 5.2. Setting ON/OFF Programs

The device supports up to 20 ON/OFF programs. Each program consists of an ON time and an OFF time.

1. **Enter Programming Mode:** Press the designated button (e.g., "PROG" or "SET") to enter the programming menu.
2. **Select Program Number:** Choose an available program slot (e.g., P1, P2, ..., P20).

3. **Set ON Time:** Input the desired time for the load to switch ON.
4. **Set OFF Time:** Input the desired time for the load to switch OFF.
5. **Select Days:** Choose the days of the week for the program to be active (e.g., Mon-Fri, Sat-Sun, or specific days).
6. **Save Program:** Confirm and save the program. Repeat for additional programs.

The programming resolution is 1 minute, allowing for precise control.

### 5.3. Impulse Programming

The device also supports impulse programming, where the relay briefly activates for a set duration.

1. **Enter Programming Mode:** Access the programming menu.
2. **Select Impulse Program:** Choose an impulse program slot.
3. **Set Impulse Time:** Define the time when the impulse should occur.
4. **Set Impulse Duration:** Specify how long the relay should remain active (e.g., 1-59 seconds).
5. **Select Days:** Choose the days for the impulse program.
6. **Save Program:** Confirm and save.

### 5.4. Manual Override

The device typically includes a manual override function to temporarily switch the load ON or OFF independently of the programmed schedule. Consult the device's physical buttons or display menu for this function.

## 6. MAINTENANCE

### 6.1. Cleaning

To clean the device, gently wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners, solvents, or spray liquids directly onto the device.

### 6.2. Battery Reserve

The Logik Micro DW features a rechargeable lithium battery that provides a power reserve of approximately 3 years. This reserve maintains the time and programmed settings during power outages. The relay will only switch in the presence of mains power.

- The battery is internal and not user-replaceable.
- Regular operation with mains power will keep the battery charged.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank.	No power supply to the device.	Check the main circuit breaker and wiring connections (L and N terminals).
Programs are not executing.	Incorrect time/day setting; Programs not saved; Manual override active; Power outage.	Verify current time and day. Re-enter and save programs. Check manual override status. Ensure continuous power supply.

Problem	Possible Cause	Solution
Load does not switch ON/OFF.	Incorrect wiring of the load; Exceeded load capacity; Faulty load.	Verify load wiring according to the diagram. Ensure load current does not exceed 16A. Test the load independently.
Time drifts or resets frequently.	Low internal battery reserve.	Ensure the device is continuously powered for several hours to allow the internal battery to recharge. If the issue persists after prolonged charging, the device may require service.

## 8. SPECIFICATIONS

Feature	Detail
<b>Model</b>	VP888200
<b>Power Supply</b>	230 V AC $\pm$ 10% (50/60 Hz)
<b>Output</b>	1 changeover relay (1 NO/NC contact)
<b>Contact Rating</b>	16 A at 250 V AC ( $\cos(\Phi)=1$ )
<b>Number of Programs</b>	20 ON/OFF programs
<b>Programming Resolution</b>	1 minute
<b>Power Reserve</b>	3 years (rechargeable lithium battery)
<b>Operating Temperature</b>	-10 °C to +50 °C
<b>Storage Temperature</b>	-10 °C to +60 °C
<b>Protection Degree</b>	IP40
<b>Display</b>	LCD (no backlight)
<b>Mounting</b>	DIN rail (1 module)
<b>Dimensions (H x W x D)</b>	88mm x 18mm x 60mm (approximate, based on diagram)

## 9. WARRANTY & SUPPORT

VEMER products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official VEMER website.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact VEMER customer support through their official channels. Ensure you have your product model number (VP888200) and purchase details available when contacting support.

