Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

VEMER VP877500

VEMER VP877500 ELO-D Electromechanical Daily Timer Switch User Manual

Model: VP877500 | Brand: VEMER

1. Product Overview

The VEMER VP877500 ELO-D is an electromechanical daily timer switch designed for automatic control of electrical devices. It features a 24-hour dial with 96 tappets, allowing for precise 15-minute interval programming. This compact 1-DIN module device is suitable for various applications, including civil, industrial, and home automation systems.
It includes a 16A – 230V AC relay output for direct control of loads such as lights, pumps, boilers, water heaters, irrigation systems, ventilation, and signs. The integrated NiMH battery provides a 150-hour power reserve, ensuring operation during power outages, and is easily replaceable via a side compartment. The timer offers three selectable operating modes: always off, automatic with programming, and always on.



Figure 1: VEMER VP877500 ELO-D Timer Switch (Front View)

2. Setup and Installation

2.1 Safety Precautions

- Ensure power is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician.
- Adhere to all local electrical codes and regulations.

2.2 Mounting

The VEMER VP877500 ELO-D is designed for quick installation on a standard DIN rail within an electrical panel. Its compact 1-DIN module size ensures minimal space requirements.

2.3 Wiring Diagram

Refer to the following diagram for correct electrical connections. The timer features a 16A relay output.



Figure 2: Dimensions and Wiring Diagram. Connect Line (L) and Neutral (N) to the input terminals. The output is a single-pole changeover contact (1, 2).

3. Operating Instructions

3.1 Setting the Current Time

Rotate the central dial clockwise until the current time aligns with the reference arrow on the timer's face. The dial is marked for 24 hours.

3.2 Programming ON/OFF Cycles

The timer features 96 tappets around the dial, each representing a 15-minute interval.

- To set an "ON" period, push the corresponding tappets outwards.
- To set an "OFF" period, leave the corresponding tappets in their inward position.
- Ensure the desired ON/OFF periods are clearly defined by the tappet positions.

3.3 Selecting Operating Modes

The timer typically includes a manual override switch or selector for different operating modes:

- **Always OFF:** The connected device remains off, regardless of programming.
- **Automatic (AUTO):** The connected device operates according to the programmed ON/OFF cycles set by the tappets.
- **Always ON:** The connected device remains on, regardless of programming.

Consult the markings on your specific unit to identify the selector positions for each mode.

4. Maintenance

4.1 Battery Replacement

The VEMER VP877500 ELO-D is equipped with an integrated, replaceable NiMH battery that provides a 150-hour power reserve. If the timer loses time or stops functioning during power outages, the battery may need replacement.

- **Access:** The battery is accessible via a side compartment on the unit.
- **Procedure:** Carefully open the side compartment, remove the old battery, and insert a new NiMH battery of the same type. Ensure correct polarity.
- **Disposal:** Dispose of old batteries according to local environmental regulations.

5. Troubleshooting

Problem	Possible Cause	Solution
Timer does not operate or display time.	No power supply; internal battery discharged.	Check power connections. Allow time for the internal battery to charge (if power is supplied). If the issue persists, replace the internal battery.
Programmed ON/OFF cycles are not executed.	Operating mode set to "Always ON" or "Always OFF"; incorrect tappet settings.	Ensure the operating mode selector is set to "AUTO". Verify that tappets are correctly pushed in/out for desired ON/OFF periods.
Timer loses time during power outages.	Internal NiMH battery is discharged or faulty.	Replace the internal NiMH battery.

6. Specifications

- **Model Number:** VP877500
- **Brand:** VEMER
- **Type:** Electromechanical Daily Timer Switch
- **Programming:** 24-hour dial, 96 tappets (15-minute intervals)
- **Output:** 16A – 230V AC Relay
- **Power Reserve:** 150 hours (NiMH replaceable battery)
- **Mounting:** 1 DIN Module, DIN Rail
- **Material:** Plastic
- **Color:** Light Grey
- **Dimensions (DxWxH):** 100P x 40l x 80H mm (Depth x Width x Height)
- **Operating Modes:** Always OFF, Automatic, Always ON
- **Manufacturer:** Vemer
- **Country of Origin:** Spain
- **GTIN:** 08007951114253

7. Warranty Information

This VEMER VP877500 ELO-D timer switch comes with a**2-year warranty** from the date of purchase. This warranty

covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8. Technical Support

A detailed user manual is included with the product for simple and safe installation. For any questions, technical assistance, or support requests, please contact VEMER technical support directly.
Email: assistenza.tecnica@vemer.it

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B00BNTK4JE

More documents and user manuals: **https://manuals.plus/**