

VEMER VJ79720000

VEMER VJ79720000 TE 200 Stair Light Timer Instruction Manual

1. PRODUCT OVERVIEW

The VEMER VJ79720000 TE 200 is an electronic DIN rail mountable stair light timer designed for automatic control of lighting circuits. It features a two-position selector for either automatic timed operation or a permanent switch-on function. This device is particularly suitable for managing stairwell lighting, ensuring lights are switched on and off automatically.

Key features include:

- **Power Supply:** 230 Vac
- **Timing Range:** Adjustable from 30 seconds to 20 minutes
- **Output:** 1 relay with exchange contact, rated at 16A
- **Origin:** Made in Italy

2. SPECIFICATIONS

Attribute	Value
Model Number	VJ79720000
Power Supply	230 Vac
Timing Adjustment	30 seconds to 20 minutes
Output Relay	1 exchange contact, 16A
Color	Bright Grey (RAL 7035)
Material	Metal
Product Dimensions (D x W x H)	3.15" x 1.18" x 3.94" (approx. 80mm x 30mm x 100mm)
Item Weight	0.07 Kilograms (2.46 ounces)
Number of Settings	2 (Automatic/Permanent)

Manufacturer	Vemer
Country of Origin	Italy

3. WHAT'S IN THE BOX

Upon opening the product packaging, you should find the following items:

- VEMER VJ79720000 TE 200 Stair Light Timer Switch
- User Manual

4. DIMENSIONS AND PHYSICAL DESCRIPTION

The VEMER TE 200 timer is designed for DIN rail mounting. Below are the detailed dimensions and views of the device to assist with installation planning.

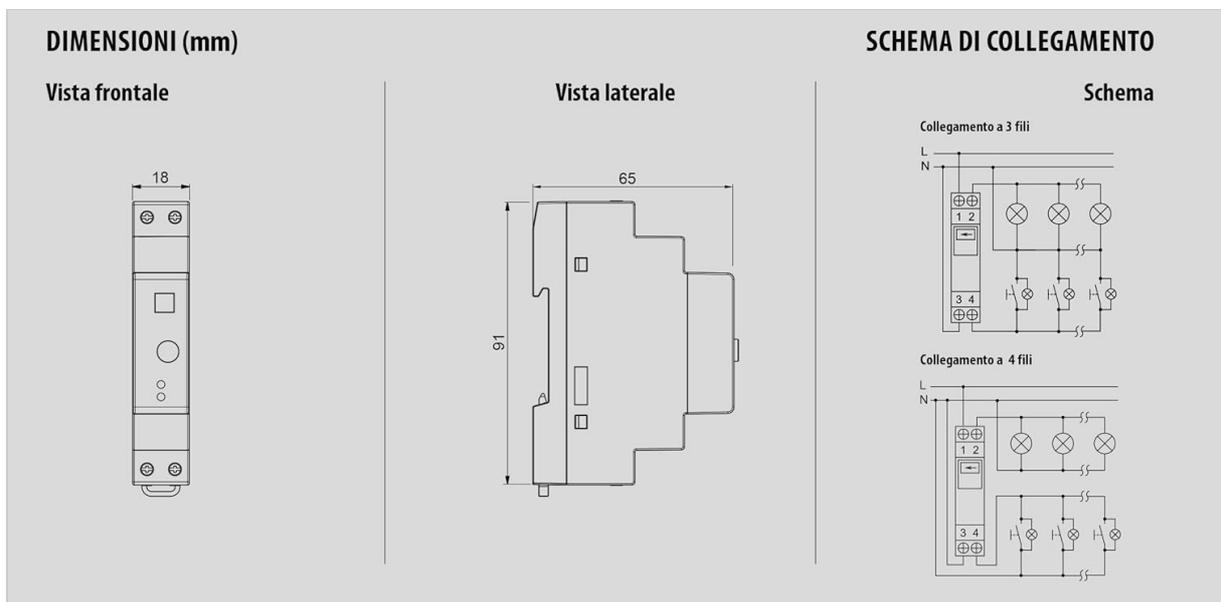


Image Description: This image displays a technical diagram of the VEMER VJ79720000 TE 200 Stair Light Timer. It includes three main sections: Front View Dimensions, Side View Dimensions, and Wiring Diagrams. The front view shows a width of 18mm. The side view indicates a height of 91mm and a depth of 65mm. These dimensions are critical for proper DIN rail installation and space allocation within an electrical panel.

5. INSTALLATION

Installation of the VEMER TE 200 timer should only be performed by a qualified electrician in accordance with local electrical codes and regulations. Ensure the main power supply is disconnected before commencing any installation work.

DIN Rail Mounting

The device is designed for quick and secure mounting on a standard DIN rail within an electrical distribution board or enclosure.

Wiring Diagrams

Refer to the provided image for detailed wiring diagrams. The timer supports both 3-wire and 4-wire connection configurations. Ensure all connections are secure and correctly terminated.

Image Description (Wiring Diagrams Section): The right side of the image presents two wiring diagrams: 'Collegamento

a 3 fili' (3-wire connection) and 'Collegamento a 4 fili' (4-wire connection). Both diagrams illustrate connections for Line (L), Neutral (N), the timer unit (with terminals 1, 2, 3, 4), push-button switches, and light fixtures. The 3-wire diagram shows L connected to the switches, which then connect to terminal 1. Terminal 2 connects to the lights, and terminal 3 connects to L. Terminal 4 also connects to the lights, with N directly connected to the lights. The 4-wire diagram shows a similar setup, but with terminal 2 connected to N, indicating a different control circuit configuration for the switches. Always follow the specific diagram that matches your installation requirements.

5.1. 3-Wire Connection

- Connect the Line (L) and Neutral (N) power supply to the designated terminals on the timer.
- Connect the Line (L) to one side of the push-button switches.
- Connect the other side of the push-button switches to terminal 1 of the timer.
- Connect terminal 2 of the timer to the light fixtures.
- Connect terminal 3 of the timer to the Line (L) supply.
- Connect terminal 4 of the timer to the light fixtures.
- Connect the Neutral (N) supply directly to the light fixtures.

5.2. 4-Wire Connection

- Connect the Line (L) and Neutral (N) power supply to the designated terminals on the timer.
- Connect the Line (L) to one side of the push-button switches.
- Connect the other side of the push-button switches to terminal 1 of the timer.
- Connect terminal 2 of the timer to the Neutral (N) supply.
- Connect terminal 3 of the timer to the Line (L) supply.
- Connect terminal 4 of the timer to the light fixtures.
- Connect the Neutral (N) supply directly to the light fixtures.

6. OPERATING INSTRUCTIONS

The VEMER TE 200 timer offers two primary operating modes, selected via a two-position switch on the device:

- **Automatic Mode:** In this mode, the timer operates according to the set timing duration. When a connected push-button switch is pressed, the lights will illuminate for the programmed period (30 seconds to 20 minutes) and then automatically switch off.
- **Permanent Switch-on Mode:** This mode allows the lights to remain continuously on, bypassing the timed function. This is useful for extended periods of illumination when automatic timing is not desired.

Timing Adjustment

The timing duration can be adjusted using the control on the front of the device, typically a rotary knob or similar mechanism. Set the desired time between 30 seconds and 20 minutes according to your application's needs.

Special Function: Extended Illumination

For temporary extended illumination, if a connected push-button switch is held down for approximately 5 seconds, the lights will remain on for an extended period of 60 minutes, overriding the standard programmed timing. Pressing the switch again will return the timer to its previously programmed automatic timing cycle.

7. MAINTENANCE

The VEMER VJ79720000 TE 200 Stair Light Timer is designed for reliable, long-term operation with minimal maintenance. No user-serviceable parts are contained within the unit.

- **Cleaning:** Ensure the device remains free from dust and debris. Clean the exterior with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Inspection:** Periodically inspect the wiring connections to ensure they remain tight and free from corrosion.

Always disconnect power before performing any cleaning or inspection.

8. TROUBLESHOOTING

If you encounter issues with your VEMER TE 200 Stair Light Timer, consider the following troubleshooting steps:

- **No Power:** Check the main circuit breaker and ensure the power supply to the timer is active (230 Vac). Verify all power connections (L and N) to the timer.
- **Lights Not Activating:** Confirm that the timer is in 'Automatic Mode' and not 'Permanent Switch-on Mode'. Check the wiring to the push-button switches and the light fixtures. Ensure the light bulbs are functional.
- **Incorrect Timing:** Verify that the timing adjustment knob is set to the desired duration.
- **Lights Stay On Permanently (unexpectedly):** Check the operating mode selector. If the special extended illumination function was activated, press a switch again to return to timed operation.

If problems persist after performing these checks, it is recommended to consult a qualified electrician or contact VEMER customer support for further assistance.

9. WARRANTY AND SUPPORT

For detailed information regarding the product warranty, please refer to the official documentation provided by VEMER or visit the manufacturer's website. Warranty terms and conditions may vary by region and purchase date.

For technical support, service, or inquiries, please contact VEMER directly through their official channels. Keep your product model number (VJ79720000) and purchase information readily available when seeking support.