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› DEWIN Digital DIN Rail Timer Instruction Manual

## DEWIN QERXBeyJQX-GS99251

# DEWIN Digital DIN Rail Timer Instruction Manual

Model: QERXBeyJQX-GS99251

## INTRODUCTION

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This instruction manual provides detailed information on the installation, operation, and maintenance of your DEWIN Digital DIN Rail Timer. This electronic timer is designed for precise control of various electrical devices, offering daily and weekly programming capabilities. Please read this manual thoroughly before use to ensure safe and efficient operation.

## SAFETY INSTRUCTIONS

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### **WARNING: Risk of Electric Shock!**

- Installation and wiring should only be performed by a qualified electrician in accordance with local electrical codes and regulations.
- Ensure the power supply is disconnected before any installation, wiring, or maintenance work.
- Do not operate the device if it is damaged or has been exposed to moisture.
- This device is designed for indoor use only. Avoid exposure to direct sunlight, high temperatures, or corrosive environments.
- Do not exceed the specified load capacity of 16A 250VAC.

## PRODUCT OVERVIEW

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### Key Features

- Daily and weekly preset function, programmable up to one week in advance.
- LCD display for real-time indication of hours/minutes and On/Auto/Off status.
- Repeatable program with up to 16 ON/OFF settings.
- High precision timing with minute accuracy.
- Built-in industrial-grade chip for strong anti-interference capability and long service life.
- Automatic switching of electrical devices based on user-defined schedules.

## Components

The DEWIN Digital DIN Rail Timer features an LCD display, control buttons, and terminal connections for power input and load output.



Image: Front view of the DEWIN Digital DIN Rail Timer, showing the LCD screen and control buttons.



Image: Detailed front view of the timer, highlighting the display and button layout.

## SETUP

### Initial Power On

When using this timer switch for the first time, turn on the power and allow the built-in battery to charge. After charging is complete, press the **"RESET"** key to initialize the device.

### Wiring Diagram

Proper wiring is crucial for the safe and correct operation of the timer. Refer to the diagram below for connection instructions. Ensure all connections are secure and insulated.

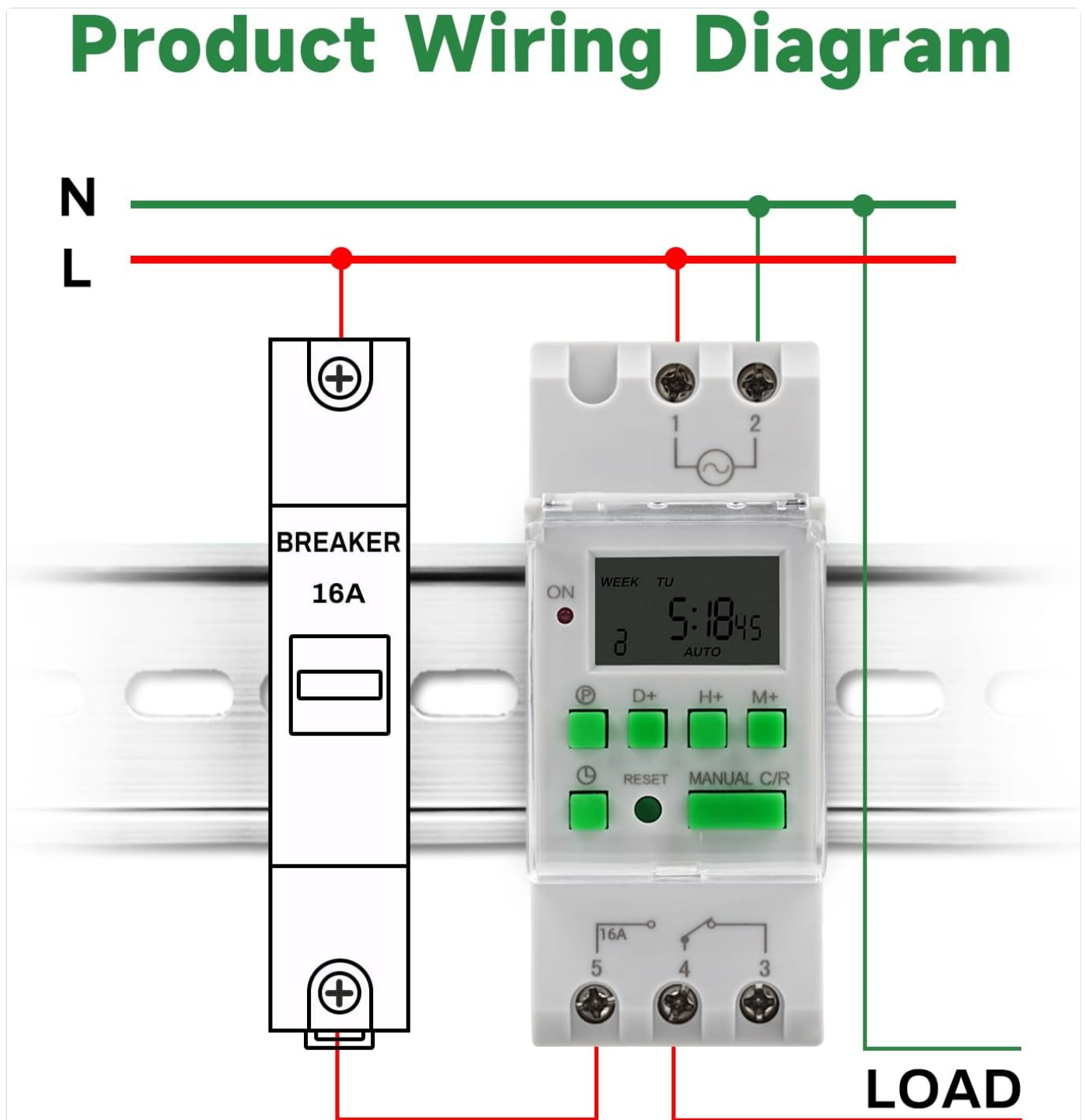


Image: Electrical wiring diagram for connecting the DEWIN timer to a power source (N, L) via a breaker and to a load.

The diagram illustrates connecting the timer to a power line (L) and neutral line (N) through a circuit breaker. The output terminals (3, 4, 5) are then connected to the load. Always ensure the breaker rating matches the load requirements and the timer's specifications.

## OPERATING INSTRUCTIONS

### Setting the Clock

To adjust the current time:

1. Press "**D+**" to set the day.
2. Press "**H+**" to set the hour.
3. Press "**M+**" to set the minute.
4. If your product does not have a lock function, you may need to press the **Clock icon** button and simultaneously press "**D+**", "**H+**", and "**M+**" to adjust the time.

### Programming the Timer

The timer allows for up to 16 ON/OFF settings. Follow these steps to program your desired schedule:

# Product Instructions

## 1. Turn on the power

When using this timer switch for the first time, please turn on the power and let the battery charge. After charging is completed, press the "RESET" key.

## 2. Clock setting Press

"D+", "H+", "M+" to adjust the time.  
(If your product does not have a lock, please press the "⌚" button and press "D+", "H+", and "M+" at the same time to adjust the time.)

## 3. Programming

Step	Key	Programming
1*	Press P	Set "I on" time (display I on)
2**	Press D+	Select days of week (If you want same set in every day, you need press this key)
3	Press H+/M+/MANUAL	Set hours/minutes/seconds
4	Press P	Set "I oFF" time (display I off)
5	Press D+	Select days week (If you want same set in every day, you need press this key)
6	Press H+/M+/MANUAL	Set hours/minutes/seconds
7	Repeat step 2-6	Set 2-28 on/off time
8***	Press ⌚	End



### Note:

**\*If you want to clear the program that has been set, press "C/R", and the LCD will show "---:--". If you want to restore the erased program, press "C/R" again**

Image: The timer display and buttons, illustrating the steps for programming ON/OFF times.

## Programming Steps

Step	Key Press	Programming Action
1*	Press <b>P</b>	Set "on" time (display I on)
2**	Press <b>D+</b>	Select days of week (if you want same setting every day, you need to press this key)
3	Press <b>H+/M+/MANUAL</b>	Set hours/minutes/seconds
4	Press <b>P</b>	Set "off" time (display I off)
5	Press <b>D+</b>	Select days week (if you want same setting every day, you need to press this key)
6	Press <b>H+/M+/MANUAL</b>	Set hours/minutes/seconds
7	Repeat step 2-6	Set 2-28 on/off time
8***	Press <b>Clock icon</b>	End programming

**Note:** If you want to clear the program that has been set, press "**C/R**", and the LCD will show "----". If you want to restore the erased program, press "**C/R**" again.

## MAINTENANCE

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The DEWIN Digital DIN Rail Timer requires minimal maintenance. To ensure its longevity and proper function:

- Regularly clean the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the device is kept in a dry environment, away from excessive dust and moisture.
- Periodically check wiring connections for tightness and signs of wear.

## TROUBLESHOOTING

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If you encounter issues with your DEWIN Digital DIN Rail Timer, refer to the following common problems and solutions:

- **Device not powering on:**
  - Check the power supply and circuit breaker.
  - Ensure the timer is correctly wired according to the diagram.
  - Verify the internal battery has charged sufficiently after initial power-on and reset.
- **Timer not switching at programmed times:**
  - Double-check your programming steps for accuracy (ON/OFF times, days of week).
  - Ensure the current time is correctly set on the device.
  - Verify the timer is in "Auto" mode if applicable (check LCD display).
- **Display is blank or flickering:**
  - This may indicate low internal battery. Allow the device to charge for several hours while connected to power.
  - If the issue persists, contact customer support.

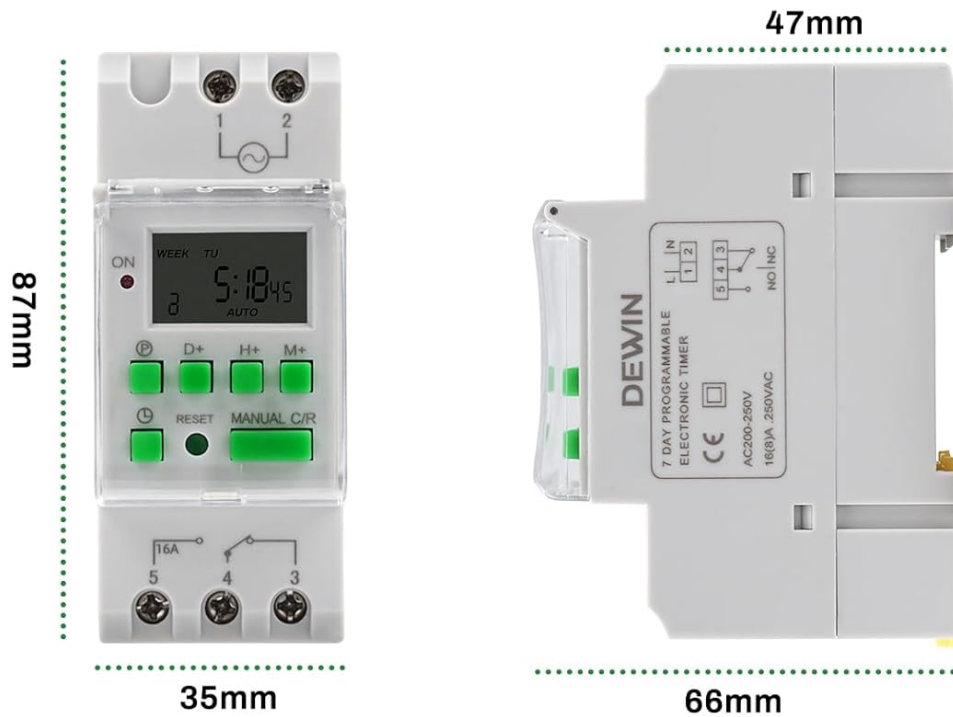
For issues not covered here, please contact DEWIN customer support.

## SPECIFICATIONS

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Detailed technical specifications for the DEWIN Digital DIN Rail Timer:

# PRODUCT SIZE INFORMATION



<b>Input voltage:</b>	<b>AC220V</b>	<b>Power:</b>	<b>4.5VA (max)</b>
<b>Contact voltage rating:</b>	<b>AC220V</b>	<b>Error:</b>	<b>≤2s/day (25°C)</b>
<b>Load capacity:</b>	<b>16A 250VAC (resistive load)</b>	<b>Binding:</b>	<b>1 minute to 168 hours</b>
<b>On/off operation:</b>	<b>16 on and 16 off (manual/auto)</b>	<b>Operating temperature:</b>	<b>-10°C to 55°C</b>

Image: Product size information, including dimensions in millimeters.

Specification	Value
Brand	DEWIN
Model Number	QERXBeyJQX-GS99251
Input Voltage	AC230V
Load Capacity	16A 250VAC (resistive load)
Power Consumption	4.5VA (max)
Timing Error	≤2s/day (25°C)
On/Off Operation	16 ON and 16 OFF (manual/auto)
Binding Interval	1 minute to 168 hours
Operating Temperature	-10°C to 55°C
Product Dimensions	87mm (H) x 35mm (W) x 66mm (D)
Item Weight	150 grams

## PRODUCT APPLICATIONS

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The DEWIN Digital DIN Rail Timer is highly versatile and suitable for a wide range of applications due to its high precision and strong anti-interference capabilities. It can be used to automate the switching of various electrical devices and household appliances.

# PRODUCT APPLICATION

The timing switch has high precision and strong anti-interference ability, which is very suitable for controlling street lights, neon lights, production equipment, radio and television and many other household appliances.



Image: Visual examples of the timer's application in street lighting, industrial production, and home environments.

Common applications include:

- Street lights and neon signs
- Advertising billboards
- Production equipment and machinery
- Radio and television equipment
- Various household appliances requiring timed operation

## WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the product packaging or contact DEWIN customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, please visit the official DEWIN store or contact their support channels.

