

[Manuals.plus](#) /

› [Finder](#) /

› Finder 12.61.8.230.0000 Electronic Time Switch User Manual

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Finder 12.61.8.230.0000 Electronic Time Switch User Manual

Your guide to installation, operation, and maintenance.

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, programming, and maintenance of your Finder 12.61.8.230.0000 Electronic Time Switch. This device is designed for DIN rail mounting and features an LCD display for easy programming, which can also be done via an NFC-enabled smartphone using the Finder Toolbox Android App. Please read this manual carefully before operating the device to ensure safe and efficient use.

2. SAFETY INSTRUCTIONS

- Installation and maintenance must only be performed by qualified electricians in accordance with national and local electrical codes.
- Disconnect power before performing any work on the device or its connections.
- Ensure the device is protected from moisture and extreme temperatures.
- Do not open the device housing. There are no user-serviceable parts inside.
- The device is designed for a supply voltage of 110-230V AC/DC. Ensure your supply matches this requirement.
- Observe the maximum switching capacities for various load types to prevent damage to the device or connected equipment.

3. SETUP AND INSTALLATION

The Finder 12.61.8.230.0000 is designed for DIN rail mounting.

3.1 Mounting

1. Ensure the main power supply to the installation area is switched off.
2. Snap the time switch onto a standard 35mm DIN rail.
3. Ensure it is securely fastened.

3.2 Wiring

Refer to the wiring diagram on the device and below for correct connections.



Figure 1: Front view of the Finder 12.61.8.230.0000 Electronic Time Switch. Note the power supply terminals A1 and A2 at the top, the LCD display, NFC symbol, control buttons, and output terminals 14, 12, 11 at the bottom. The display shows "09:34" and "A OFF".

- **Power Supply (A1, A2):** Connect the 110-230V AC/DC power supply to terminals A1 and A2.
- **Output Contacts (11, 12, 14):** The device features AgSnO2 contact material.
 - Terminal 11: Common contact
 - Terminal 12: Normally Closed (NC) contact

- Terminal 14: Normally Open (NO) contact
- Connect your load (e.g., lighting, motor) to the appropriate output contacts based on your application's requirements (e.g., between 11 and 14 for normally open operation).

4. OPERATING INSTRUCTIONS

4.1 Initial Power-Up and Time Setting

Upon initial power-up, the display will illuminate. You may need to set the current time and date.

- Use the joystick or navigation buttons (indicated by arrows and a central button on the device) to navigate through the menu.
- Press the central button to confirm selections.
- Adjust hours, minutes, day, month, and year as prompted by the display.

4.2 Programming Modes

The time switch can be programmed directly via the joystick or via an NFC-enabled smartphone.

4.2.1 Joystick Programming

Detailed programming steps for the joystick are typically found in the quick start guide included with the product. Generally, you will:

1. Enter the programming menu by pressing and holding the central button.
2. Select "New Program" or "Edit Program".
3. Define ON/OFF times for specific days of the week.
4. Save the program.

4.2.2 NFC Smartphone Programming (Finder Toolbox App)

This method offers maximum flexibility and ease of use.

1. Download and install the "Finder Toolbox" Android App from the Google Play Store on your NFC-enabled smartphone.
2. Open the Finder Toolbox App.
3. To read an existing program from the time switch, touch your smartphone to the NFC symbol on the device (as shown in Figure 1). The app will display the current program.
4. To create a new program or modify an existing one, use the app's interface.
5. Once your program is ready in the app, touch your smartphone to the NFC symbol on the time switch again to transfer the data. The time switch will receive the new program.

4.3 Manual Override

The device typically allows for temporary manual override of the programmed schedule. Consult the device's display or the Finder Toolbox App for options to manually switch the output ON or OFF.

5. MAINTENANCE

The Finder 12.61.8.230.0000 Electronic Time Switch requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the wiring connections to ensure they are secure.
- **Firmware Updates:** If available, firmware updates for the device or the Finder Toolbox App may be released by Finder. Check the app store for updates to the Finder Toolbox App.

Warning: Disconnect power before any cleaning or inspection of the device's connections.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank.	No power supply.	Check power connections to A1 and A2. Ensure circuit breaker is ON.
Device not switching load.	Incorrect programming; Load exceeds maximum capacity; Incorrect wiring.	Verify program settings. Check load specifications against device ratings. Review wiring connections (11, 12, 14).
NFC programming fails.	NFC not enabled on smartphone; Incorrect phone positioning; App not updated.	Ensure NFC is active on your smartphone. Position phone directly over the NFC symbol. Update Finder Toolbox App to the latest version.
Time/Date incorrect after power loss.	Internal battery (if present) depleted or not holding charge.	The device does not use batteries for timekeeping (as per specifications). It relies on continuous power. Re-set time/date after power interruptions.

If problems persist, contact Finder customer support.

7. SPECIFICATIONS

Model Number:	12.61.8.230.0000
Manufacturer:	Finder
Supply Voltage:	110-230V AC/DC
Contact Material:	AgSnO2
Max. Inrush Current:	120 A (for 5 ms)
Max. Switching Capacity (230V AC1):	4000 VA
Lamp Loads:	Incandescent/Halogen: 2000 W Energy-saving lamps: 400 W LED (230V AC): 400 W LV-Halogen/LED with EVG: 400 W LV-Halogen/LED with KVG: 800 W Fluorescent lamps with EVG: 1000 W Fluorescent lamps with KVG: 750 W

Dimensions (L x W x H):	6.08 x 3.5 x 8.88 cm
Weight:	120 g
Mounting:	DIN Rail
Batteries Required:	No

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Finder website or contact your local Finder distributor. Keep your purchase receipt as proof of purchase.

Finder Contact Information: Please visit www.findernet.com for global contact details and support resources.

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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

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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