

## GHSOGEOM EAWCBT-J

# GHSOGEOM EAWCBT-J Intelligent Circuit Breaker Timer

## User Manual

### 1. PRODUCT OVERVIEW

The GHSOGEOM EAWCBT-J is an intelligent circuit breaker timer designed for advanced electrical circuit management. It integrates functions such as current limiting, power limiting, overvoltage and undervoltage protection, temperature protection, energy monitoring, and remote control capabilities. This device is suitable for DIN rail installation and provides enhanced control and safety for electrical systems.

#### Key Features:

- **Adjustable Current Limit:** 1-63A
- **Adjustable Power Limit:** 1-26KW
- **Adjustable Overvoltage Protection:** 220-265V
- **Adjustable Undervoltage Protection:** 76-240V
- **Adjustable Temperature Protection:** 40-150°C
- **Energy Monitoring:** Tracks electricity consumption and allows data download.
- **Timer Switch:** Schedule on/off times.
- **Remote Control:** Manage the device via a mobile application.
- **Power-on Response:** Configurable state after power restoration.

### 2. SAFETY INFORMATION

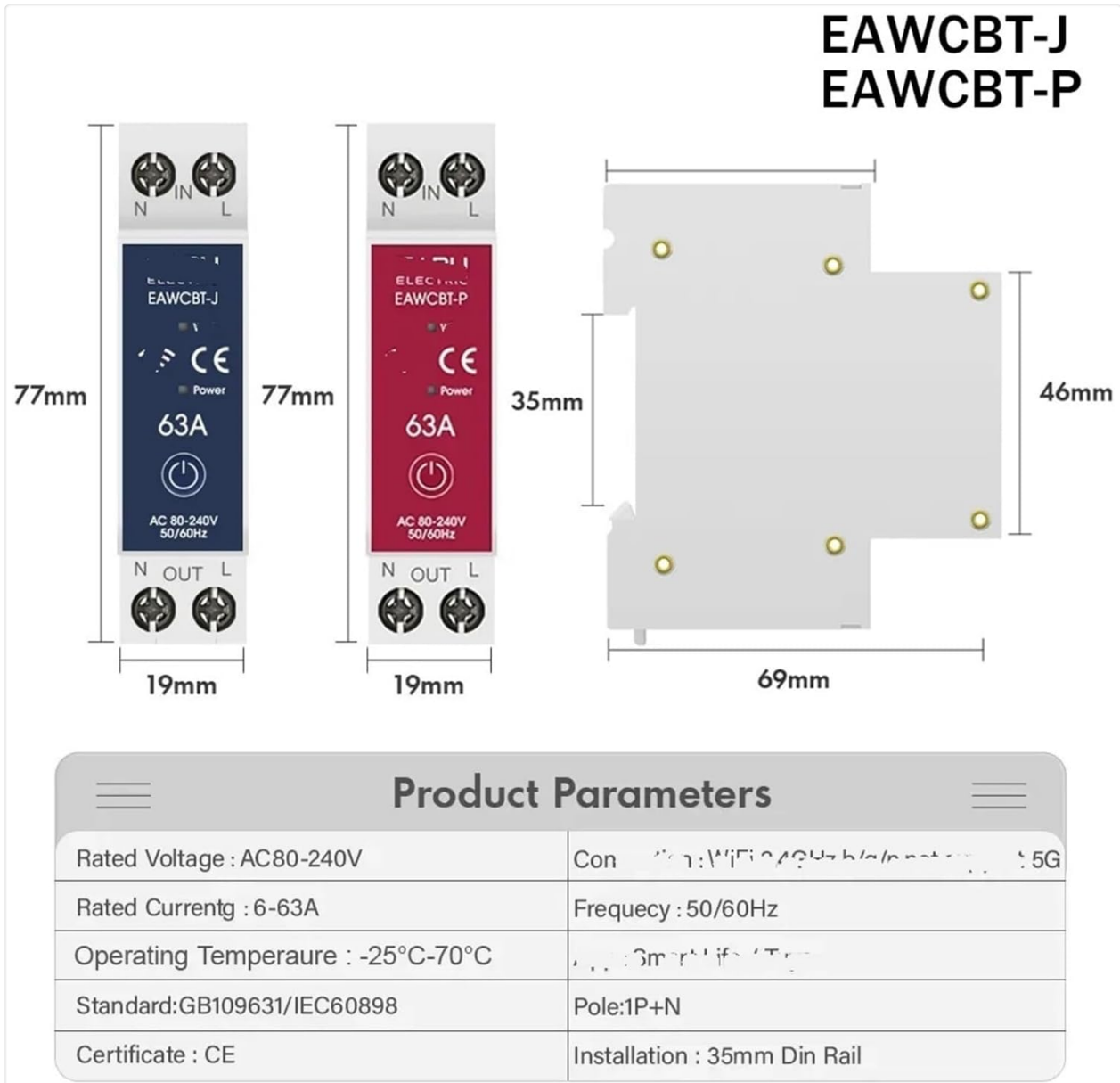
Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other serious injury or damage.

- **Professional Installation:** Installation should only be performed by a qualified electrician in accordance with all local and national electrical codes.
- **Power Disconnection:** Always disconnect power at the main circuit breaker or fuse box before installing, servicing, or removing the device.

- **Correct Wiring:** Power must enter from the top terminals (L+N) and must be Live and Neutral. Incorrect wiring can damage the device and pose a safety hazard.
- **Environmental Conditions:** Do not install in wet or damp locations. Ensure the operating temperature range (-25°C to 70°C) is maintained.
- **Overload Protection:** Do not exceed the rated current (63A) or power limits of the device.
- **Inspection:** Regularly inspect the device for any signs of damage or wear. Do not use if damaged.

### 3. PRODUCT COMPONENTS AND DIMENSIONS

The following image illustrates the physical appearance, key components, and dimensions of the EAWCBT-J Intelligent Circuit Breaker Timer.



**Image 1:** Front view and side view of the EAWCBT-J circuit breaker, showing input (N IN L) and output (N OUT L) terminals, power indicator, and dimensions (77mm height, 19mm width). A separate diagram shows the mounting plate dimensions (35mm width, 69mm length, 46mm height).

#### Component Identification:

- **N IN L:** Neutral and Live input terminals (top).
- **N OUT L:** Neutral and Live output terminals (bottom).

- **Power Indicator:** LED light indicating power status.
- **Manual Switch:** For local ON/OFF control.

## 4. SETUP AND INSTALLATION

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Follow these steps for safe and proper installation of your EAWCBT-J Intelligent Circuit Breaker Timer.

### 4.1 Mounting

1. Ensure all power to the circuit is disconnected at the main electrical panel.
2. Locate a standard 35mm DIN rail within your electrical enclosure.
3. Attach the EAWCBT-J device onto the DIN rail by hooking the top edge onto the rail and pressing down until it clicks into place.

### 4.2 Wiring

**Important:** Wiring must be performed by a qualified electrician.

1. Connect the incoming Live (L) and Neutral (N) wires from the power source to the respective 'L IN' and 'N IN' terminals at the top of the device. Ensure the Live wire connects to 'L IN' and Neutral to 'N IN'.
2. Connect the outgoing Live (L) and Neutral (N) wires to the load (appliance/circuit) to the respective 'L OUT' and 'N OUT' terminals at the bottom of the device.
3. Double-check all connections for tightness and correct polarity.

### 4.3 Initial Power-Up and App Pairing

1. Once wiring is complete and verified, restore power to the circuit at the main electrical panel.
2. The device's power indicator should illuminate.
3. Download the official control application (e.g., Tuya Smart or Smart Life, as implied by similar devices) from your mobile device's app store.
4. Follow the in-app instructions to add and pair your EAWCBT-J device. This typically involves putting the device into pairing mode (refer to app for specific steps, often a long press on the manual switch or power cycle).

## 5. OPERATING INSTRUCTIONS

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The EAWCBT-J offers both manual and remote operation.

### 5.1 Manual Operation

- Press the manual switch on the front of the device to toggle the power ON or OFF for the connected circuit.

### 5.2 Remote Control via App

After successful pairing, use the mobile application to access the following functions:

- **Remote ON/OFF:** Instantly switch the circuit on or off from anywhere.
- **Schedule/Timer:** Set one-time, daily, or recurring schedules for automatic power control.
- **Energy Monitoring:** View real-time power consumption, historical data, and set electricity prices to calculate costs. Data can often be downloaded.

- **Protection Thresholds:** Adjust the limits for current, power, overvoltage, undervoltage, and temperature. If real-time values exceed these thresholds, the device will automatically shut down to protect connected equipment.
- **Power-on Response:** Configure the device's state (ON, OFF, or last state) after a power outage and subsequent restoration.

## 6. MAINTENANCE

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The EAWCBT-J Intelligent Circuit Breaker Timer requires minimal maintenance.

- **Cleaning:** Ensure the device is powered off before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Periodic Inspection:** Periodically check wiring connections for tightness and inspect the device for any visible damage or signs of overheating.
- **Firmware Updates:** Check the mobile application regularly for any available firmware updates for the device to ensure optimal performance and security.

## 7. TROUBLESHOOTING

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If you encounter issues with your EAWCBT-J device, refer to the following common troubleshooting steps.

- **Device Not Powering On:**
  - Check if the main circuit breaker supplying power to the device is ON.
  - Verify that the input wiring (L IN, N IN) is correctly connected and secure.
- **Remote Control Not Working:**
  - Ensure your mobile device has a stable internet connection.
  - Verify the EAWCBT-J device is connected to your Wi-Fi network (check app status).
  - Restart the mobile application.
  - If the issue persists, try re-pairing the device with the app.
- **Device Trips Unexpectedly:**
  - Check the energy monitoring data in the app to see if any current, voltage, or power thresholds were exceeded.
  - Inspect connected appliances for faults or overloads.
  - Verify the ambient temperature is within the operating range (40-150°C protection).
- **Inaccurate Energy Readings:**
  - Ensure the electricity price settings in the app are correct.
  - Confirm the device is correctly wired and calibrated (if calibration options are available in the app).

## 8. SPECIFICATIONS

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The following table provides detailed technical specifications for the EAWCBT-J Intelligent Circuit Breaker Timer.

<p><b>Product Images</b></p>			
<p><b>Product Model</b></p>	<p><b>EAWCBT-J</b></p>	<p><b>EAWCBT-P</b></p>	<p><b>EAKCB-T-M</b></p>
<p><b>Timer Switch</b></p>	<p>☑</p>	<p>☑</p>	<p>☑</p>
<p><b>Remote Control</b></p>	<p>☑</p>	<p>☑</p>	<p>☑</p>
<p><b>Energy Monitor</b></p>	<p>☑</p>	<p>☑</p>	<p>☑</p>
<p><b>Current Limit</b></p>	<p></p>	<p>☑</p>	<p>☑</p>
<p><b>Voltage Protection</b></p>	<p></p>	<p>☑</p>	<p>☑</p>
<p><b>Power Limit</b></p>	<p></p>	<p></p>	<p>☑</p>
<p><b>Temperature Protection</b></p>	<p></p>	<p></p>	<p>☑</p>

**Image 2:** Product Parameters table comparing EAWCBT-J, EAWCBT-P, and EAKCB-T-M models, showing features like Timer Switch, Remote Control, Energy Monitor, Current Limit, Voltage Protection, Power Limit, and Temperature Protection. The EAWCBT-J model includes Timer Switch, Remote Control, and Energy Monitor.

Parameter	Value
Model	EAWCBT-J
Rated Voltage	AC 80-240V
Working Voltage	AC 90-280V (50/60Hz)
Rated Current	6-63A
Frequency	50/60Hz
Poles	1P+N
Installation	35mm DIN Rail
Operating Temperature	-25°C to 70°C
Mechanical Life	More than 100,000 on/off switches
Standard	GB109631/IEC60898
Certificate	CE
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.76 ounces

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Specific warranty terms may vary by region and seller.

For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact GHSOGEOM customer service or your product supplier. Keep your purchase receipt and product model number (EAWCBT-J) readily available when seeking support.