Manuals+
Q & A | Deep Search | Upload

HH8BWL TOB15-63 WIFI

User Manual

Din Rail WiFi Circuit Breaker Smart Switch Remote Control with Over and Under Voltage Current Protection LCD Display

Model: TOB15-63 WIFI | Brand: HH8BWL

1. Introduction

This manual provides essential information for the safe and effective installation, operation, and maintenance of your HH8BWL TOB15-63 WIFI Din Rail Circuit Breaker. This device integrates a circuit breaker with smart control capabilities, offering remote management and comprehensive protection against over-voltage, under-voltage, and over-current conditions. Please read this manual thoroughly before installation and use, and retain it for future reference.

2. Safety Information

WARNING: Risk of Electric Shock. Installation and servicing should only be performed by qualified personnel.

- Always disconnect power at the main circuit breaker before installing or servicing the device.
- Ensure all wiring connections are secure and comply with local electrical codes and standards.
- Do not operate the device if it appears damaged.
- This device is designed for indoor use in dry environments. Avoid exposure to moisture or extreme temperatures.
- Verify the voltage and current ratings of your electrical system are compatible with the device specifications.

3. Product Overview

The HH8BWL TOB15-63 WIFI Din Rail Circuit Breaker is a smart electrical protection device designed for integration into standard Din Rail systems. It features an LCD display for real-time monitoring of voltage and current, and offers adjustable protection parameters. Remote control and monitoring are possible via a WiFi connection.

Figure 3.1: Front View of the TOB15-63 WIFI Circuit Breaker. This image displays the complete device, showing the main circuit breaker lever (red), the LCD screen, and the 'SET', 'Up', and 'Down' control buttons. The device is labeled 'TOB15-63 WIFI C63' and includes text indicating the WiFi pairing process.

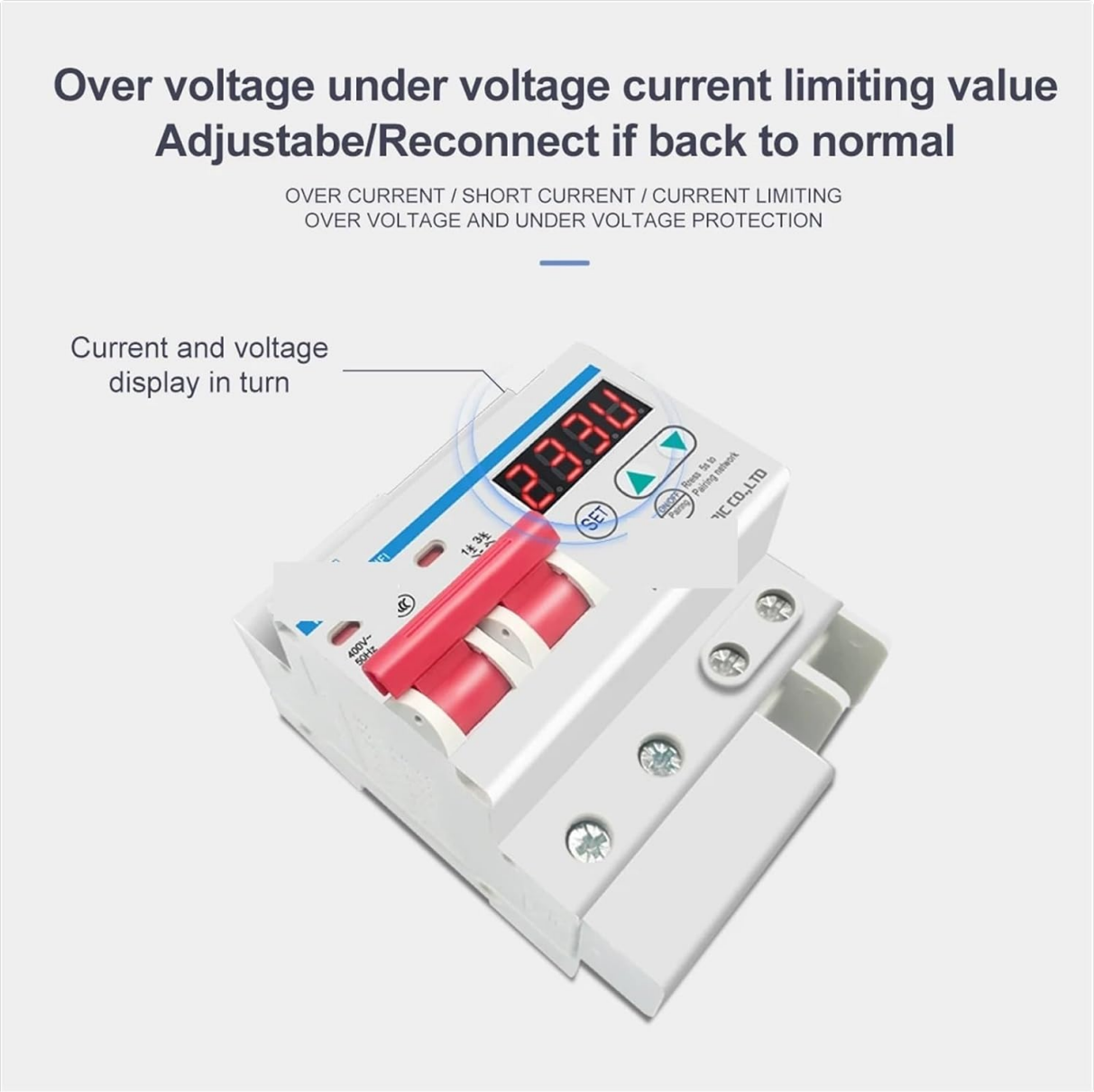


Figure 3.2: Detailed View of the LCD Display and Protection Features. This close-up highlights the LCD display, which cycles between current and voltage readings. Text on the image indicates the device's capabilities for adjustable over-voltage, under-voltage, and current limiting protection, as well as automatic reconnection when conditions return to normal.

4. Setup

4.1. Mechanical Installation

1. Ensure the main power supply is OFF.
2. Mount the circuit breaker onto a standard 35mm Din Rail by snapping it into place.

4.2. Electrical Wiring

1. Connect the incoming live and neutral wires to the designated input terminals (usually marked 'L IN' and 'N IN' or similar).
2. Connect the outgoing live and neutral wires to the designated output terminals (usually marked 'L OUT' and 'N OUT' or similar) for the protected circuit.
3. Ensure all connections are tight and secure to prevent loose contacts and overheating.

4.3. WiFi Pairing

1. After power-up, the device will enter pairing mode or can be manually put into pairing mode.

2. To manually initiate pairing, press and hold the 'ON/OFF' button (or indicated pairing button) for approximately 5 seconds until the WiFi indicator light flashes rapidly.
3. Follow the instructions in your smart home application (e.g., Tuya Smart, Smart Life) to add the device. Ensure your smartphone is connected to a 2.4GHz WiFi network during the pairing process.

5. Operating Instructions

5.1. Manual Operation

- **ON/OFF:** Use the red lever to manually switch the circuit breaker ON or OFF.
- **LCD Display:** The LCD screen will cycle to display real-time voltage (V) and current (A) readings of the connected circuit.

5.2. Remote Control (via WiFi)

Once paired with your smart home application, you can:

- Remotely switch the circuit breaker ON or OFF.
- Monitor real-time voltage and current.
- View protection status and event logs.
- Set schedules or timers for automatic operation.

5.3. Adjusting Protection Parameters

The device allows for adjustment of protection thresholds. Use the 'SET', 'Up', and 'Down' buttons on the device, or the smart home application, to configure the following:

- **Over Voltage Protection:** Adjustable range from 240V to 300V.
- **Under Voltage Protection:** Adjustable range from 145V to 210V.
- **Current Limiting:** Adjustable range from 1A to 63A.
- **Delay On Time:** Adjustable range from 3 seconds to 300 seconds (time before reconnection after a fault).

Refer to your smart home application's specific instructions for detailed parameter adjustment procedures.

6. Maintenance

- Periodically inspect the device and wiring for any signs of damage, loose connections, or discoloration.
- Keep the device clean and free from dust. Use a dry, soft cloth for cleaning. Do not use liquid cleaners.
- Ensure proper ventilation around the device to prevent overheating.

7. Troubleshooting

7.1. Device Not Powering On

- Check the main power supply to ensure it is active.
- Verify all wiring connections are correct and secure.
- Ensure the manual lever is in the 'ON' position.

7.2. WiFi Connection Issues

- Ensure your router is broadcasting a 2.4GHz WiFi network.
- Check that the device is within range of your WiFi router.

- Re-initiate the WiFi pairing process as described in Section 4.3.
- Restart your WiFi router and try pairing again.

7.3. Device Trips Frequently

- Check the connected load to ensure it does not exceed the device's rated current (63A) or the set current limiting threshold.
- Verify that the input voltage is within the acceptable range and not triggering over-voltage or under-voltage protection.
- Adjust the protection parameters (over-voltage, under-voltage, current limiting) if necessary, ensuring they are appropriate for your electrical system and load.

8. Specifications

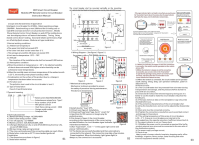
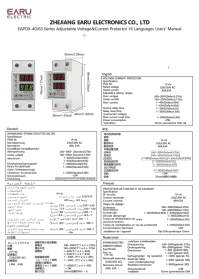
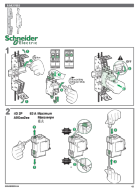
Feature	Specification
Model Number	TOB15-63 WIFI
Brand	HH8BWL
Certification	CE
Over Voltage Adjustable Range	240-300V
Under Voltage Adjustable Range	210V-145V
Current Limiting Adjustable Range	1A-63A
Delay On Time Adjustable Range	3-300S
MCB Side Rate Current	63A
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.76 ounces
ASIN	B0DSLF145V
Manufacturer	HH8BWL

9. Warranty and Support

Information regarding product warranty and customer support is not provided in the available product details. Please refer to the seller or manufacturer's website for specific warranty terms and contact information for technical support.

© 2025 HH8BWL. All rights reserved.

Related Documents - TOB15-63 WIFI

	SMTONOFF WiFi Smart Metering Breaker Auto-reclosing Protector User Manual Comprehensive user manual for the SMTONOFF WiFi Smart Metering Breaker, an auto-reclosing protector and energy meter for AC circuits. Features include remote control via Tuya Smart/Smart Life app, voice control, adjustable protections (over/under voltage, overcurrent, leakage), prepaid metering, and local manual operation. Includes specifications, functional features, setup guide, and wiring diagram.
	Intelligent WiFi Circuit Breaker User Manual and Technical Specifications This document provides detailed information on the intelligent WiFi circuit breaker, including its scope, normal working conditions, type, technical parameters, installation, wiring diagrams, mechanical locking, Tuya app integration, and important notes for safe operation and maintenance.
	CIRCUTOR IDA-EV Residual Current Operated Circuit-Breaker Installation Guide Installation guide for the CIRCUTOR IDA-EV residual current operated circuit-breaker (RCCB) with 6 mAdc supervision, designed for electric vehicle charging points. Includes technical specifications and connection diagrams for IDA-EV-40-30 and IDA-EV-63-30 models.
	EAPDX-40/63 Series Earu Electric Voltage & Current Protector User Manual Detailed specifications and operation guide for the Earu Electric EAPDX-40/63 series adjustable voltage and current protector. Learn how to set over-voltage, under-voltage, and over-current protection parameters.
	Siemens 8DQ1 Gas-Insulated Switchgear up to 550 kV Detailed information on the Siemens 8DQ1 gas-insulated switchgear (GIS), a high-performance and reliable solution for power transmission and distribution networks, operating up to 550 kV, 63 kA, and 5000 A. Covers technical specifications, components, operation, installation, and quality assurance.
	Schneider Electric A9A27003 Mounting Plate Installation Guide Detailed instructions for installing the Schneider Electric A9A27003 mounting plate accessory for circuit breakers. Includes steps for DIN rail mounting, assembly, and surface installation, with torque values and dimensions. Compliant with installation regulations.