

***Qoltec®***

# OPERATING INSTRUCTIONS

63A DIN rail relay with electricity meter

Model : 50990

EN

## Introduction

Thank you for your trust and for choosing our product. We are confident that the product will meet your expectations. This manual contains instructions for the installation and use of the product, including important safety instructions for proper operation and installation. If you have any questions after reading this manual, please contact our Customer Service Department.

## About the product

The device, enables automatic control of the flow of electricity in domestic and industrial systems. Thanks to its advanced features, it ensures safety and energy efficiency, allowing full control over connected devices.

### Device functions

- **Remote control** - allows the device to be managed anywhere, anytime.
- **Timer and cyclic timer** - allows the unit to be programmed to operate within a specific time frame.
- **Energy measurement** - monitors the amount of electricity consumed.
- **Low voltage protection** - adjustment range: 50V-190V; automatic disconnection at fault: 170V.
- **High voltage protection** - adjustment range: 250V-300V; automatic disconnection at fault: 270V.
- **Current overload protection** - adjustment range: 1A-63A; automatic disconnection at fault: 63A.
- **Current leakage protection** - default setting 50mA.
- **Automatic disconnection of devices** - voltage and current thresholds can be set, beyond which the device automatically shuts down.

## Technical parameters

Rated supply voltage:	AC 220V
Operating range:	AC 80V-400V (single phase)

Rated frequency:	50/60 Hz
Current range:	1-63A
Tripping delay:	0,5 s
Reset/reboot delay:	5-90 s
Measurement accuracy:	±2%
Rated insulation voltage:	1000V
Operating temperature range:	-30°C to 70°C
Energy consumption display range:	0-9999 kWh

## Wiring diagram

Figure 1

## Installation of the unit

### Warning:

*Installation of the appliance should be carried out by a qualified electrician. Ensure that the power is switched off before starting the installation. The unit is intended for indoor use. Do not expose it to direct moisture or extreme temperatures. Place the Wi-Fi relay on the DIN rail, making sure it is firmly seated.*

## Setting parameters

1. Press the **SET** button to display all data.
2. Press the **SET** button for 5 seconds to enter setting mode, then press.
3. Use the **UP** and **DOWN** buttons to adjust the settings.

Figure 2

Hold down the button for 5 seconds until the WIFI indicator starts flashing rapidly. Turn on Bluetooth on your phone, start the device and the indicator will start flashing slowly. "Doodle Function" will appear in the app (or click "+"), select the Wi-Fi network, enter the name and password, then click "Next" (only 2.4 GHz networks supported).

### **Select the 2.4GHz Wi-Fi network and enter the password.**

If your Wi-Fi network is 5GHz, set it to 2.4GHz using the typical router configuration method.

Figure 3, 4,5

## **Service and repair**

Remember that improper repair can lead to serious damage to the device and even pose a risk to the user. If you have problems with your device, if you have no experience or knowledge of how to repair your device, it is advisable to seek the assistance of a specialist or technical service. You may benefit from a warranty repair if the defect is due to a manufacturing problem. A warranty repair may involve repairing the defective component, replacing parts with new ones or replacing the entire product if repair is not possible.

## **Maintenance and cleaning**

- 1) Turn off the power before cleaning.
- 2) Wipe the unit with a dry cloth. Do not use chemicals or water.

## **Disposal**

Avoid disposing of the appliance in ordinary waste containers to prevent environmental pollution. Return the device to suitable electronic waste collection points or electronic equipment recycling shops.

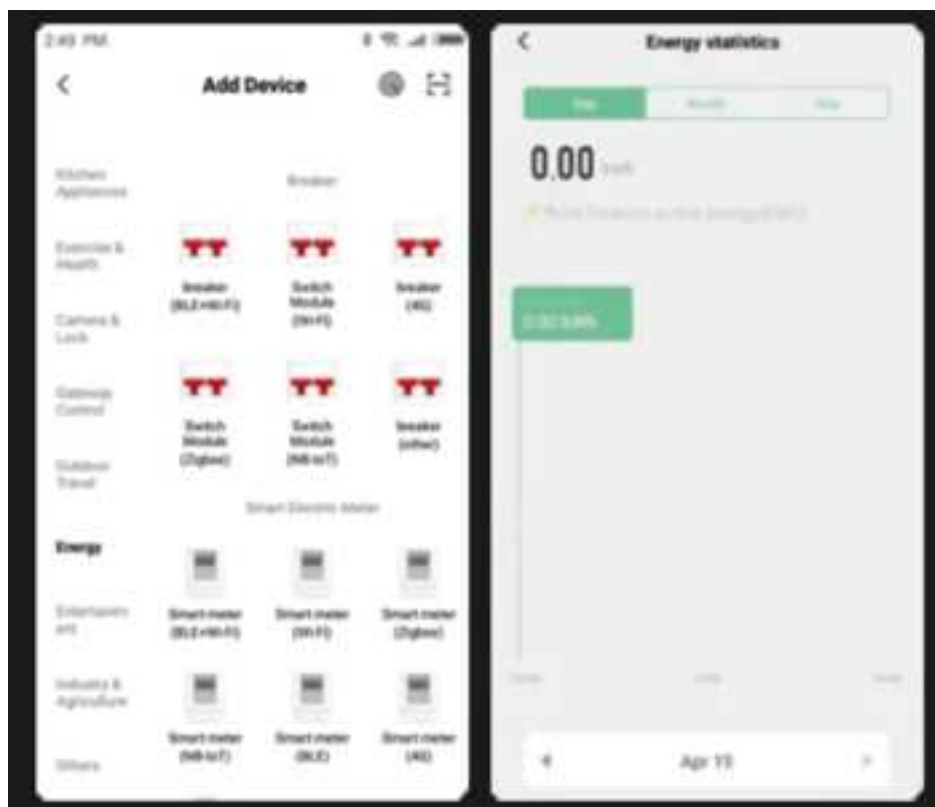
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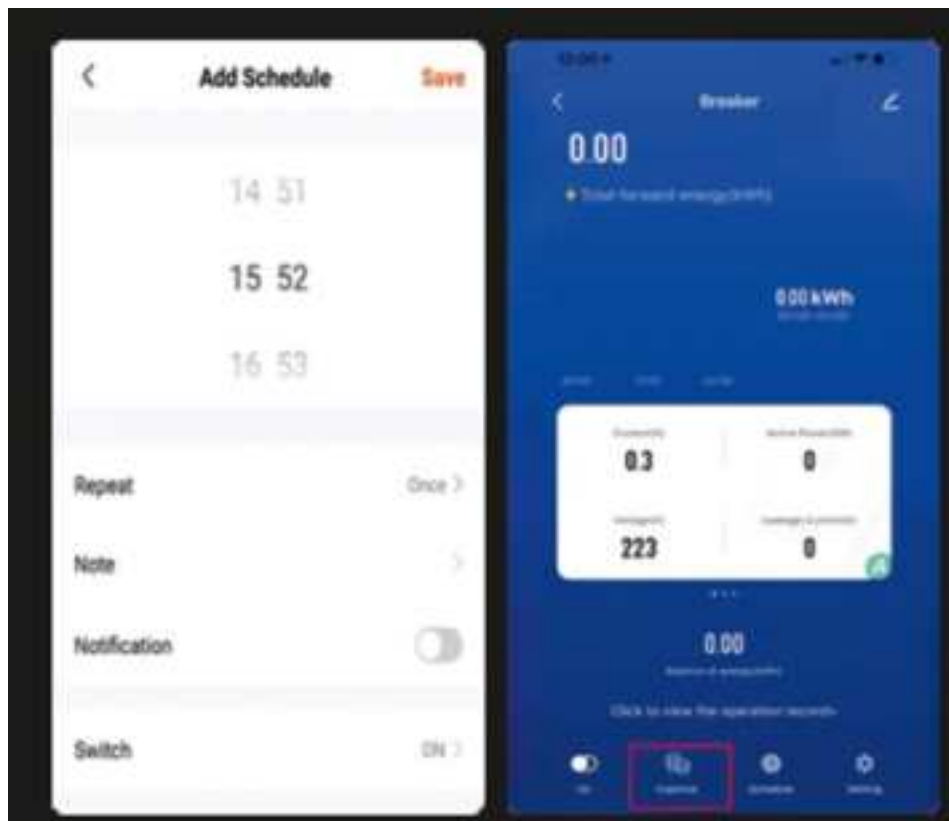
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