

***Qoltec***<sup>®</sup>

**Model: 50881**

# **INSTRUCTION MANUAL**

## **RELAY 63A ON DIN RAIL WITH ELECTRICITY METER | TUYA | WI-FI | SMART LIFE**

## 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 allows the current, voltage and power of appliances to be monitored in real time, as well as recording energy consumption for a given year, month, day, hour and various time periods, helping users to more accurately check the energy consumption of their appliances. Set the status of an equipment switch according to circumstances and remotely monitor the ongoing operation of loaded electrical appliances. With the TUYA and Smart Life apps, you gain the ability to monitor current energy consumption from anywhere using a Wi-Fi connection. Designed for DIN rail mounting. Adjustable from 1A to 63A.

## FEATURES

<b>REAL-TIME METERING</b>	Real-time monitoring of energy consumption of connected devices. Information available in the app. <i>(Illustration 1 in the appendix)</i>
<b>TIMING MODE</b>	Set a schedule to switch devices on and off at specific days and times. This can be done under the 'Schedule' tab in the app.
<b>COUNTDOWN MODE</b>	Setting of a countdown time after which the device will automatically switch off. Function available in the app.
<b>LOOP TIMING</b>	Set to cycle the device on and off at specified time intervals. Option available in the time settings in the application.
<b>REMOTE CONTROL</b>	Ability to remotely switch appliances on and off via the Smart Life app from anywhere.

## MODEL WITH MEASUREMENT

- The LED indicator lights up with a steady blue light, indicating that the network connection was successful.
- The LED indicator flashes slowly in blue, indicating that the product is in pairing mode.
- The LED indicator goes out, indicating that the unit is in off-grid mode.
- The button indicator lights up to indicate that the switch is off.
- The button indicator will light up to indicate that the switch is on.

## MODEL WITHOUT MEASUREMENT

- The LED indicator lights up with a steady blue light, indicating that the switch is in the ON state.
- The LED indicator lights up blue to indicate that the switch is off.
- The LED indicator flashes blue to indicate that the switch is in pairing mode.

## TECHNICAL SPECIFICATIONS

Protocol	W-Fi (default)
Rated operating voltage range	
Maximum load	8000W/4000W(LED)
Control type	Remote control, manual
Description of the poles	1 P+N (through N pole)
Model selection	Type without measurement, type with measurement

## SAFETY INSTRUCTIONS

1. Before installing the relay, check that the supply voltage and load do not exceed the permissible values given in the specifications.
2. The device is intended for indoor use. Do not expose it to direct moisture or extreme temperatures.
3. Always switch off the power before starting any work on the unit.

4. Do not touch the device with wet hands or use it in a humid environment to avoid the risk of electric shock.
5. Do not load the relay more than its maximum current value, which is 63A.
6. Never modify or tamper with the design of the unit, as this may void the warranty and create a safety hazard.
7. Ensure that all electrical connections are solidly and securely made to prevent loose contacts that can lead to overheating or short circuits
8. Ensure that the relay is correctly mounted on the DIN rail to avoid the risk of dropping or damaging it.

## INSTALLATION OF THE DEVICE

### Attention

*Installation of the appliance should be carried out by a qualified electrician. Make sure that the power is switched off before starting the installation*

1. Switch off the power supply.
2. Connect the wires as indicated (*Figure 2 in the appendix*) : connect the phase wire (L) to the L terminal and the neutral wire (N) to the N terminal. Make sure the wiring is correct. Check the wi-fi signal.

## CONFIGURATION WITH THE SMART LIFE TUYA APP

1. Download and install the Smart Life app on your smartphone. The app is available in the App Store and Google Play.
2. Create an account or log in to an existing account on the Smart Life app. (*Illustration 3 in the appendix*)
3. Add a device: Open the Smart Life app and select the option to add a new device. Hold down the power button, wait 1-5s, the power indicator will flash blue.
4. Select the 'Switch' category and follow the on-screen instructions to connect the switch to the Wi-Fi network.
5. Make sure the switch is in pairing mode (LEDs flashing). If not, press and hold the button on the device for 5 seconds.
6. Connect to the Wi-Fi network, enter the network password and wait for the device to connect. (*Illustrations 4 , 5 and 6 in the appendix*)

7. After a successful connection, the LED indicator will change from a blue flashing light to a blue steady light.
8. Click '*share with the account smart life*' to enter the account you wish to share. (Illustration 7 in the appendix)

## PROBLEM SOLVING

NO WI-FI CONNECTION	<ol style="list-style-type: none"><li>1) Make sure the router is working properly and is close to the device.</li><li>2) Check that the switch is in pairing mode.</li><li>3) Try resetting the device by pressing and holding the button for 10 seconds.</li></ol>
THE DEVICE DOES NOT RESPOND TO COMMANDS FROM THE APPLICATION	<ol style="list-style-type: none"><li>1) Check the internet connection on your smartphone.</li><li>2) Ensure that the device is correctly installed and powered.</li></ol>

## CONSERVATION

- 1) Regularly check the condition of the relay, including the DIN rail mounting and the condition of the electrical connections.
- 2) Turn off the power before cleaning.
- 3) Wipe the unit with a dry cloth. Do not use chemicals or water.
- 4) If you notice any damage, such as cracks in the casing or burns, immediately unplug the unit and contact an authorised service centre.
- 5) Do not attempt to repair the relay yourself - contact the manufacturer's technical service NTEC SP. Z O.O.
- 6) The device is appropriately marked, including the CE symbol, serial number and manufacturer's data, which enables the product to be identified and compliant with current legislation.

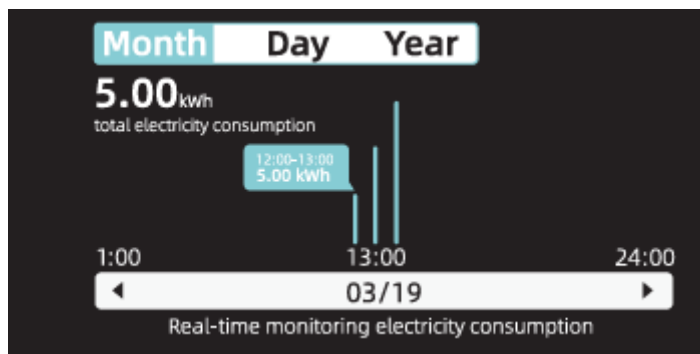
## UTILISATION

This product is subject to the regulations for the disposal of electrical and electronic equipment (WEEE). It must not be disposed of with municipal waste. If you have any questions about disposal, please contact the manufacturer or an authorised service centre.

## **INFORMATION ON WARRANTY AND SERVICING**

The product is covered by a 24-month manufacturer's warranty from the date of purchase. The warranty covers any defects in materials and workmanship. Please contact our service department if you have any problems with your device to ensure prompt and professional service. The warranty does not cover damage resulting from misuse, falls, mechanical damage, unauthorised repairs or disassembly attempts.

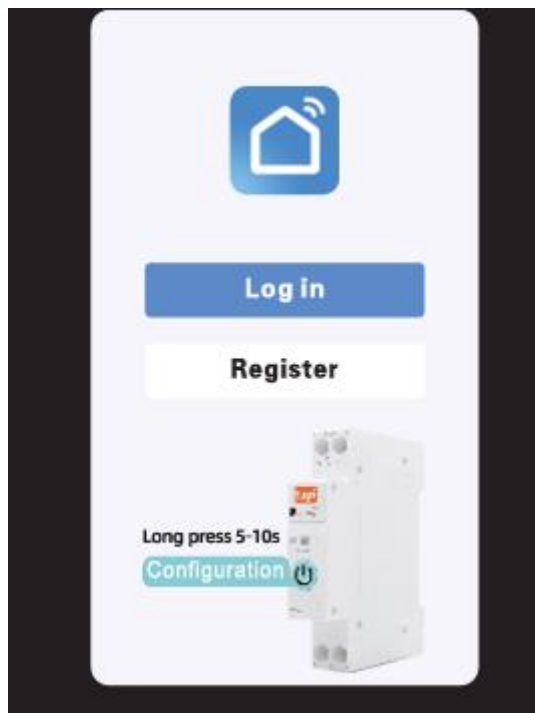
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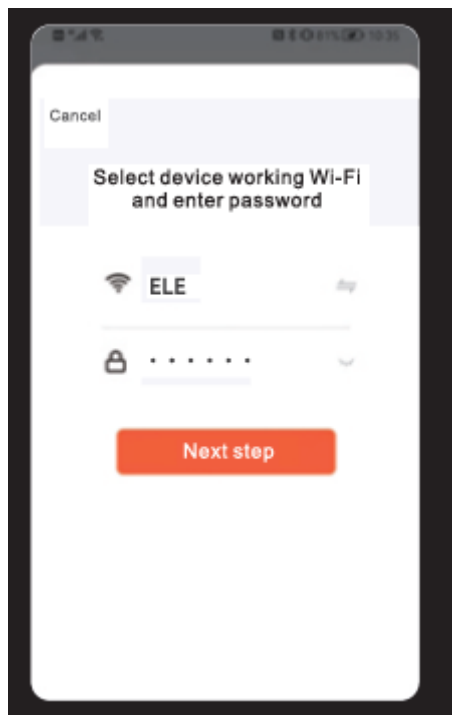


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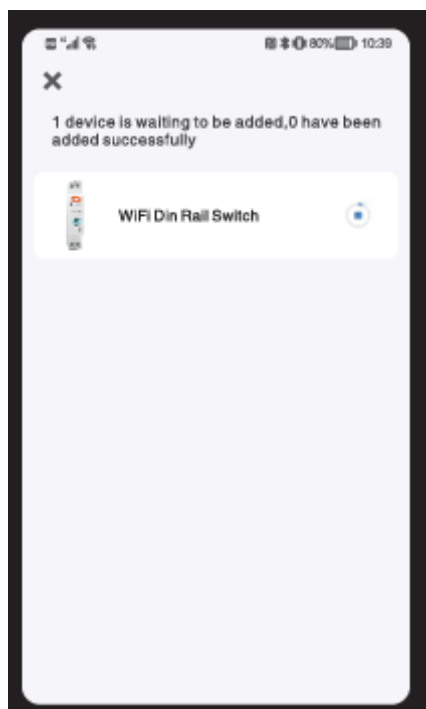


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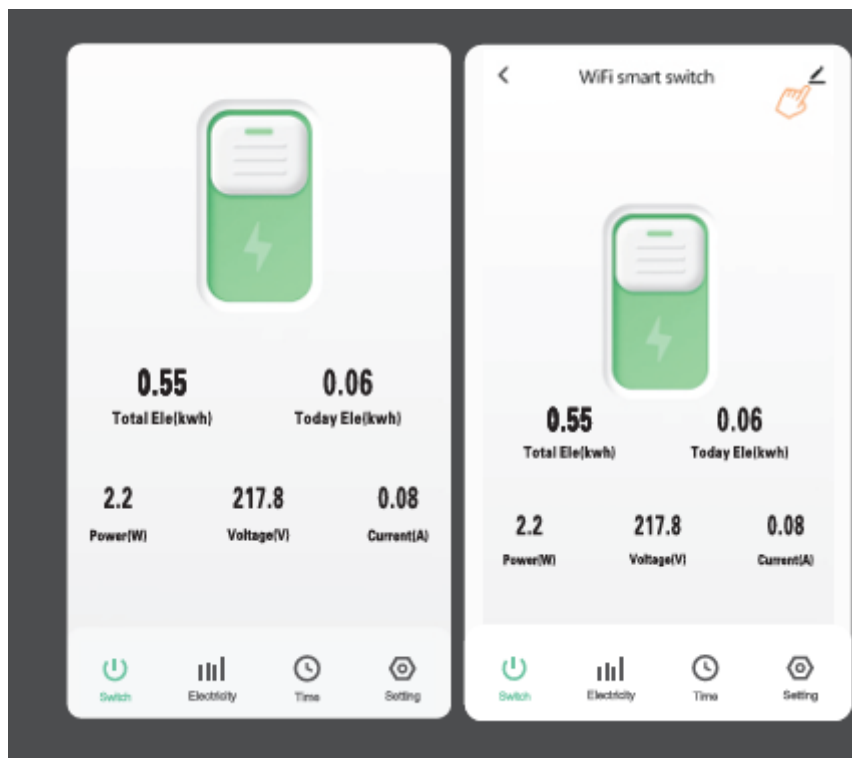




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