

DIN-RAIL TIMER · ENERGY METERING

Schedule and control your circuit from your phone

20 A relay with 1 NO contact, energy metering and 2.4 GHz WiFi / Bluetooth connection. All settings are made in the mobile app.

● Up to 30 ON/OFF programs

● Energy metering

● Up to 20 users



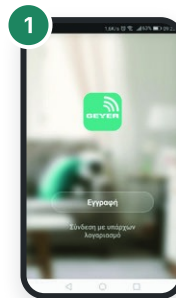
Warning: Installation must be carried out by a qualified electrician. Switch off the power supply before wiring and follow the connection diagram (page 5).

1 Download the app



- First connect your phone to your local WiFi network.
- Scan the QR code to download and install the app.

2 Create an account



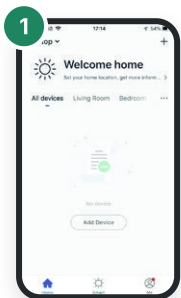
Open the app and register



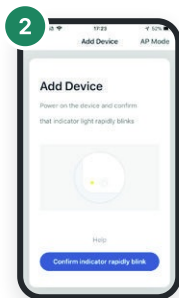
Log in to your account

3 Add the device

- Connect the device to a 100–240 VAC supply as shown in the connection diagram.
- Press and hold the device button for about 5 seconds until the **green LED** blinks fast.
- If the LED turns **red**, press and hold the button again for 5 seconds until it blinks green.



Tap "+" or "Add Device" on the home screen



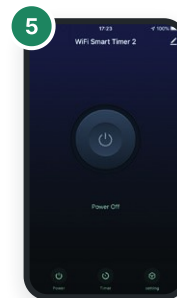
Confirm that the LED is blinking fast



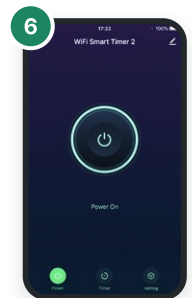
Enter your WiFi password and confirm



Tap "Done"



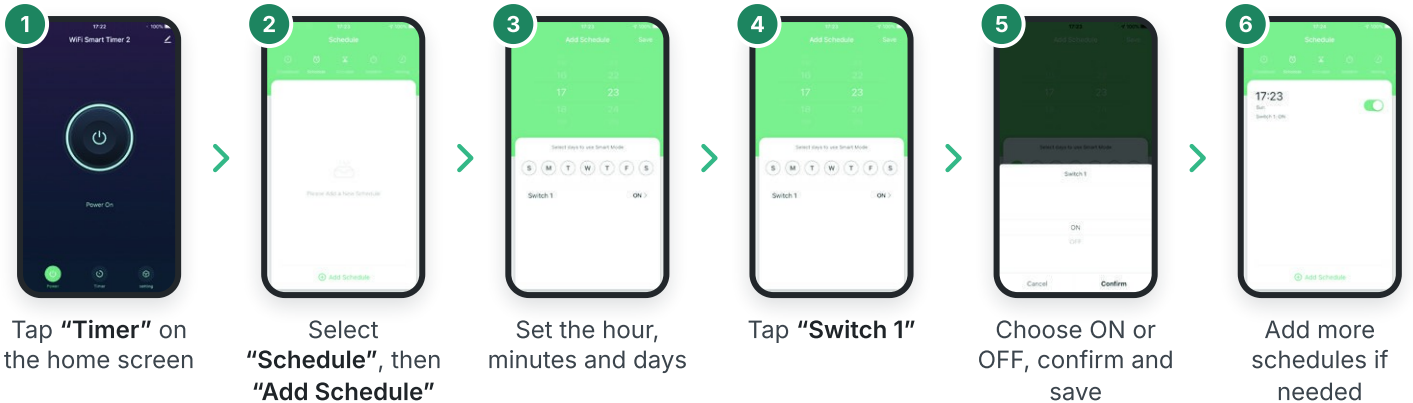
Tap the switch icon



You can now control the switch from the app

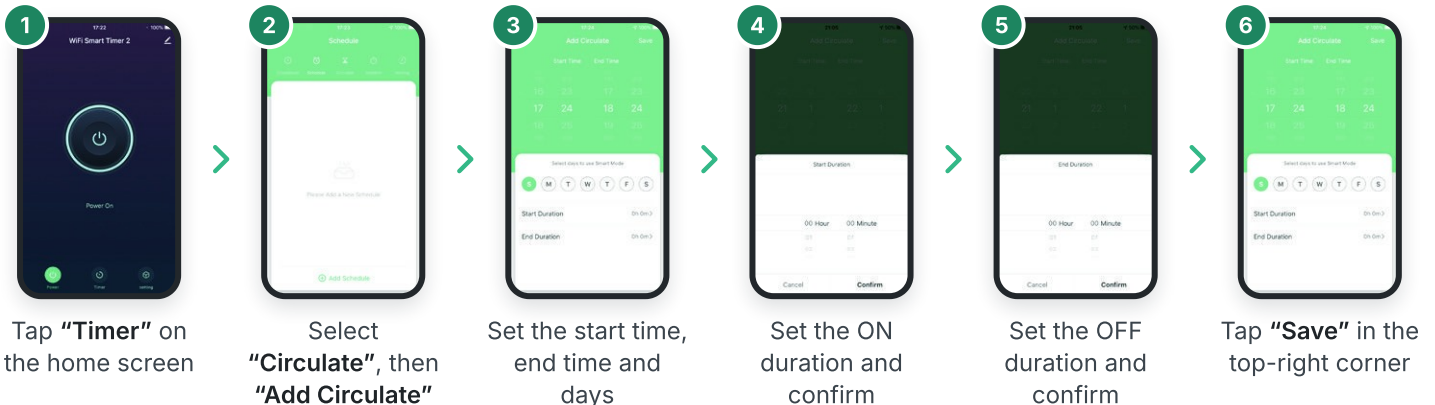
4 Time schedules (Schedule)

Set up to 30 ON/OFF programs per day or per week.



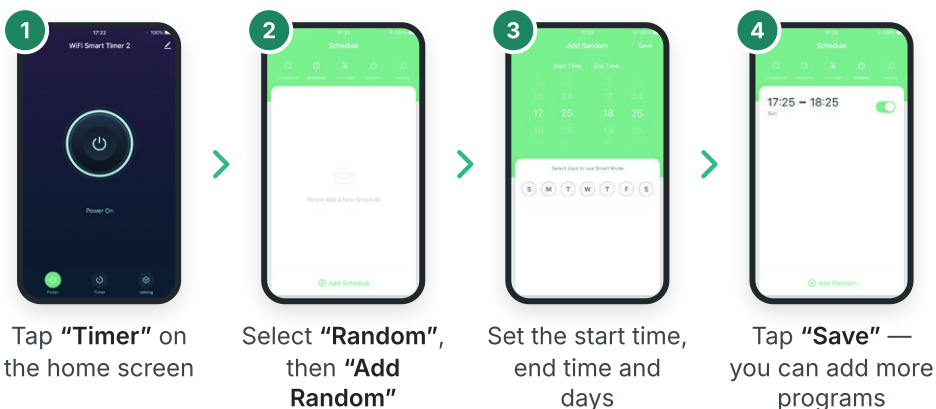
5 Cycle function (Circulate)

The relay switches ON and OFF repeatedly within the time window you set.



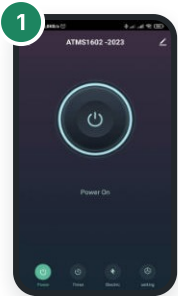
6 Random function (Random)

The relay switches at random times within the window you set — ideal for simulating presence.

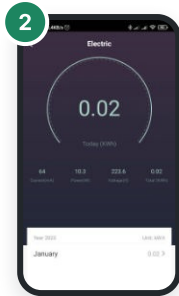


7 Energy metering (Electric)

Monitor the load's consumption in real time.



Tap **"Electric"** on the home screen



View the readings and consumption history

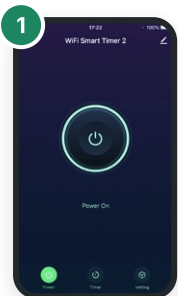
Shown in the app

- Daily consumption (kWh)
- Power (W)
- Total consumption (kWh)
- Current (mA)
- Voltage (V)
- Monthly consumption (kWh)

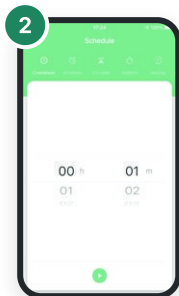
Below 3 W, the app shows power and current as "0", but the consumption is still counted in the total.

8 Countdown

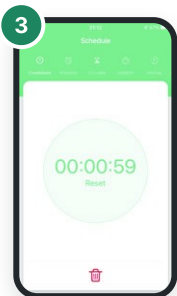
From 1 minute up to 23 hours and 59 minutes.



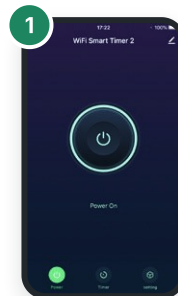
Tap **"Timer"** on the home screen



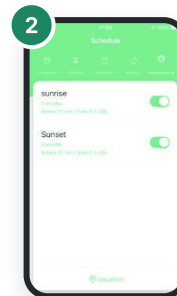
Select **"Countdown"**, set hours and minutes, then tap start



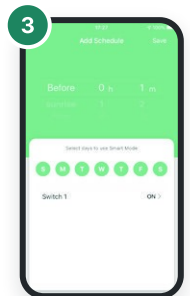
When time is up, the relay switches ON or OFF



Tap **"Timer"** on the home screen



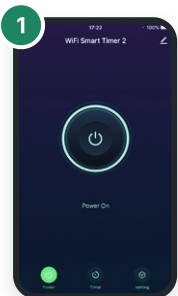
Select **"Astronomical"**, then **"Sunrise"** or **"Sunset"**



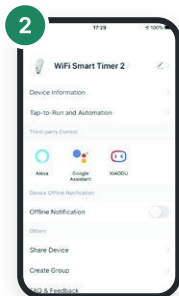
Set before/after time and days, then tap **"Save"**

10 Device name & icon

Give the device a name that tells it apart, e.g. "Water heater".



Tap in the top-right corner



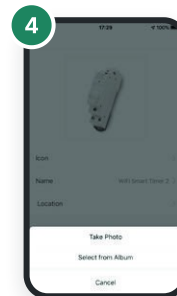
Tap again in the top-right corner



Select **"Name"** or **"Icon"**



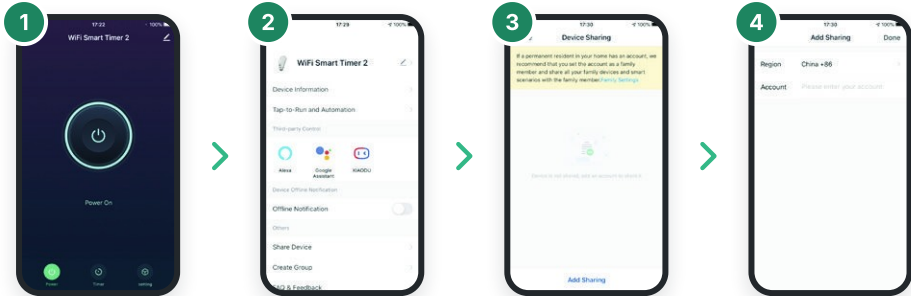
Name: type the new name and confirm



Icon: take a photo or choose one from your album

11 Share the device

Give family members or colleagues access to control the device.



Tap in the top-right corner

Select **"Share Device"**

Tap **"Add Sharing"**

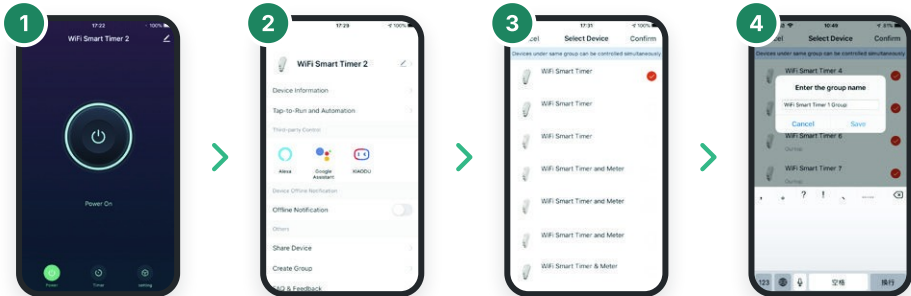
Enter the mobile number and tap **"Done"**

20

You can share the device with up to 20 users.

12 Create a group

Combine several devices into one group to control them together.



Tap in the top-right corner

Select **"Create Group"**

Select the devices and confirm

Name the group and save

E.g. an "Outdoor lighting" group with all the garden timers, switched ON/OFF with a single tap.

i Good to know



Works without WiFi

If the network drops, your settings and programs are not deleted and the device keeps working normally.



State memory

After a power failure, the device returns to the state it was in before.



Bluetooth backup

If the WiFi signal is lost for 5 minutes, you can control the load from the app via Bluetooth.



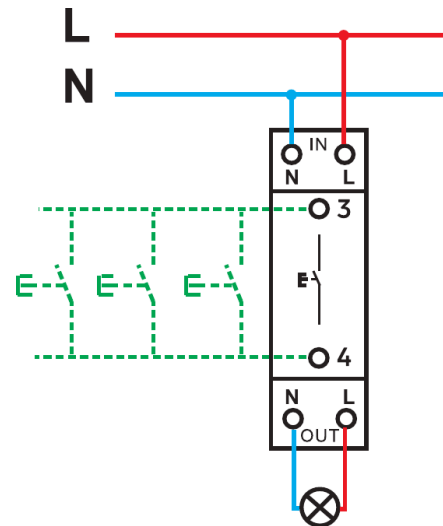
Overload protection

If the load exceeds 22 A, the relay automatically disconnects the circuit.

13 Specifications

Rated voltage	100–240 VAC, 50/60 Hz
Rated current	20 A / 250 VAC ($\cos \varphi = 1$)
Output contact	1 NO (SPST-NO)
WiFi frequency	2.4 GHz
Mounting	35 mm DIN rail (EN 60715)
Ambient temperature	-10 ... +60 °C
Programs	Up to 30 ON/OFF per day or week
Countdown	1 min – 23 h 59 min
Sharing	Up to 20 users
Local control	Push button on terminals 3–4
Overload protection	Disconnects above 22 A
Bluetooth	Control when WiFi is lost > 5 min
Metering	kWh, mA, W, V
Width	1 module (17.5 mm)

14 Connection diagram



IN

Power supply 100–240 VAC (N, L)

OUT

Load output 20 A / 250 VAC ($\cos \varphi = 1$)

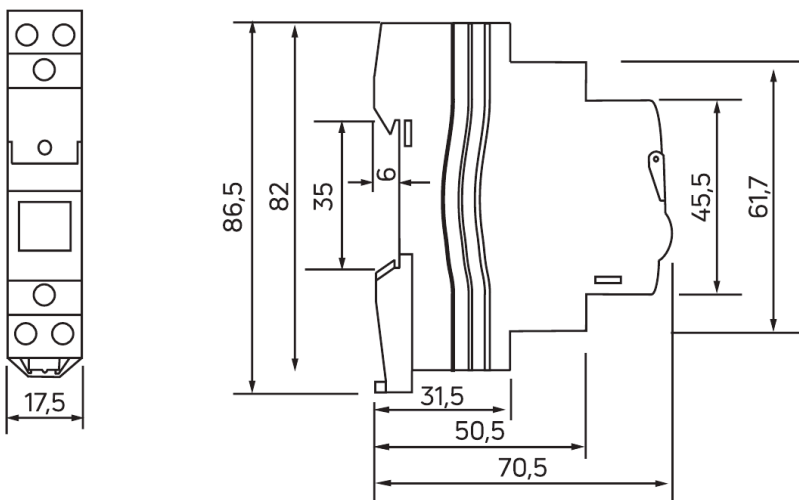
3 · 4

Local push button (potential-free contact)



Wiring by a qualified electrician only.

15 Dimensions



All dimensions in mm.

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