BLE Locking
Standard 2 Module

Installation guide

ble locking

1

Before you start

Choose a suitable installation place for the module. An ideal installation place for the BLE Locking Standard 2 module is in close proximity to the lock.

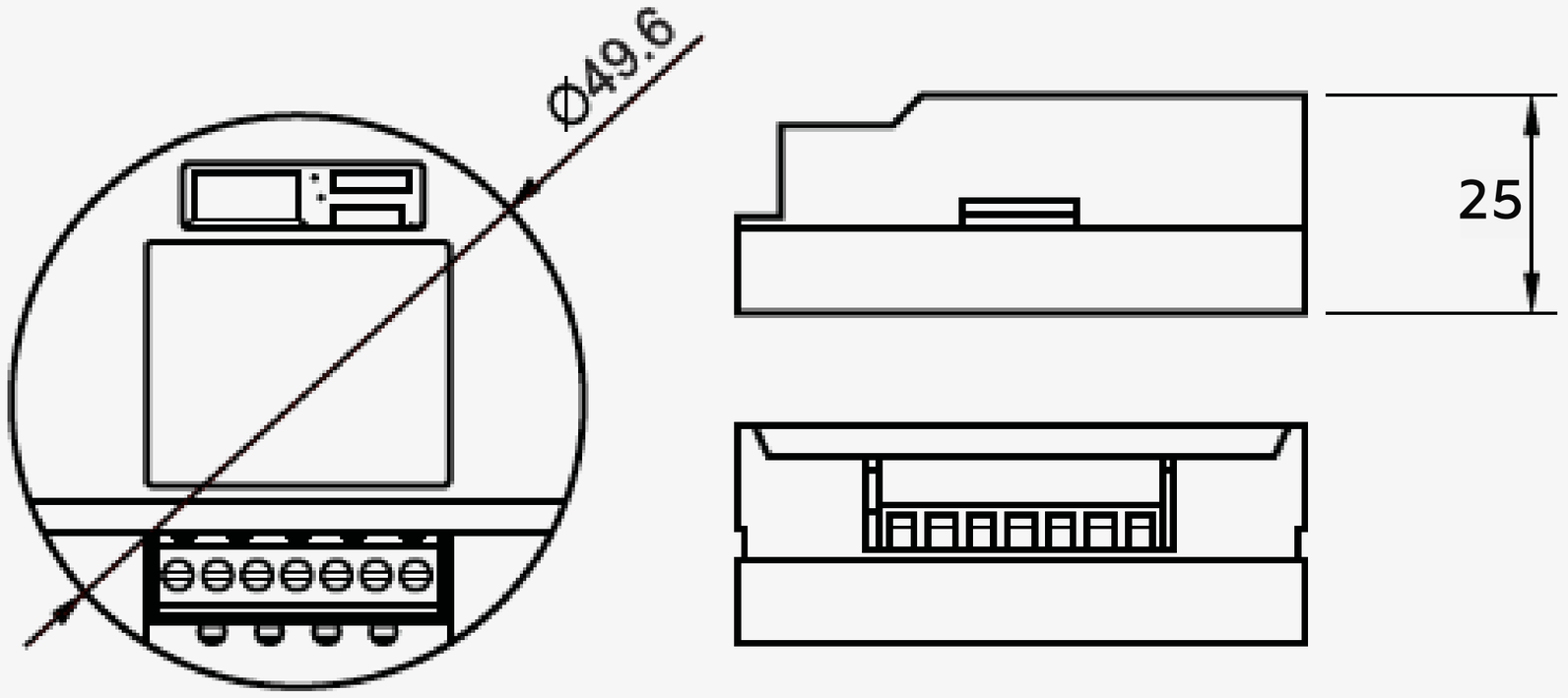
Note: Electrical connections should be done by electricians.

In the box:

1. BLE Locking Standard 2 module

Physical properties

Dimensions: ∅ =49.6mm, h=25.0mm
Weight: 40g
Working temp.: -40°C up to 75°C
IP rating: IP41

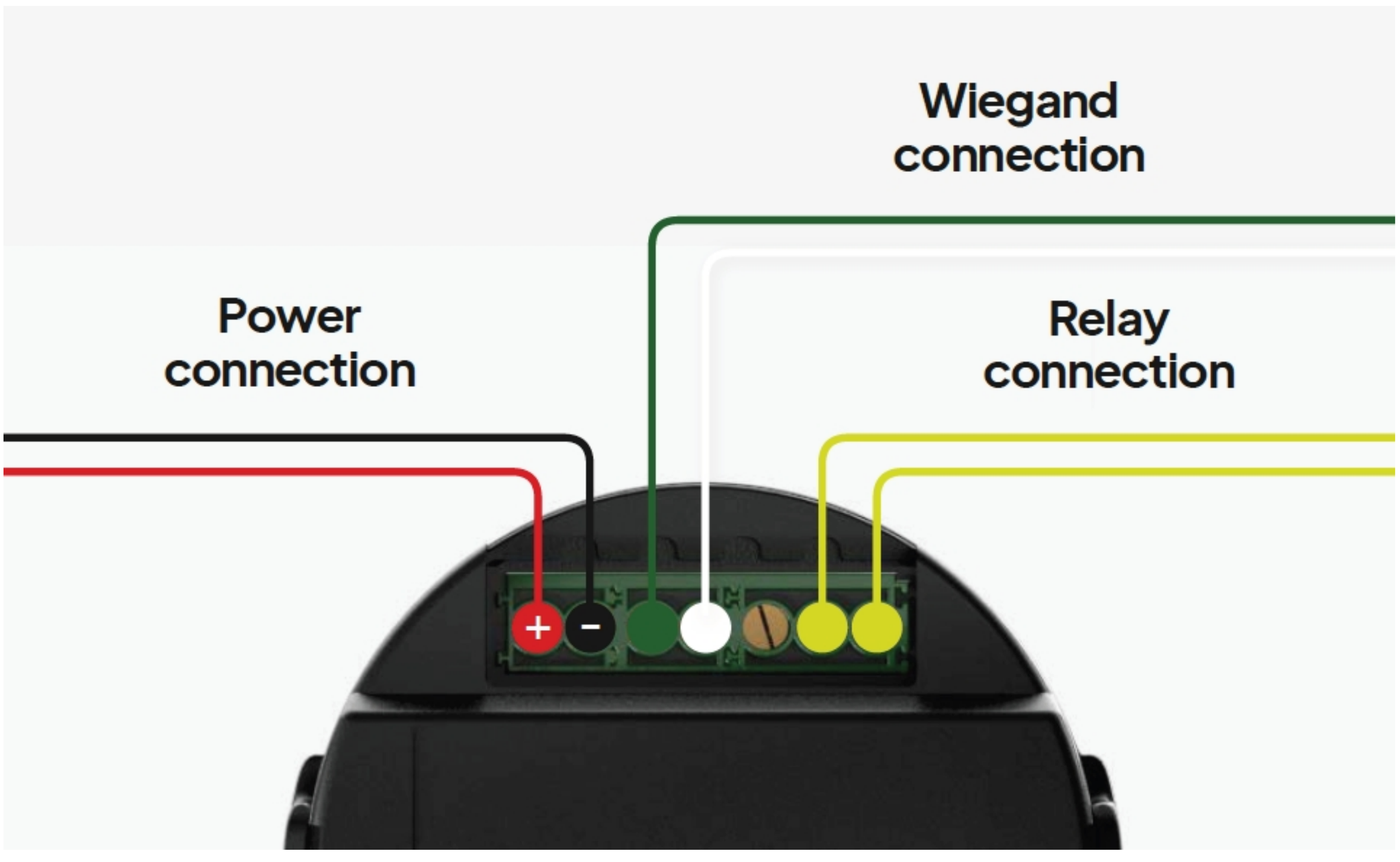


2

Install Standard 2 module

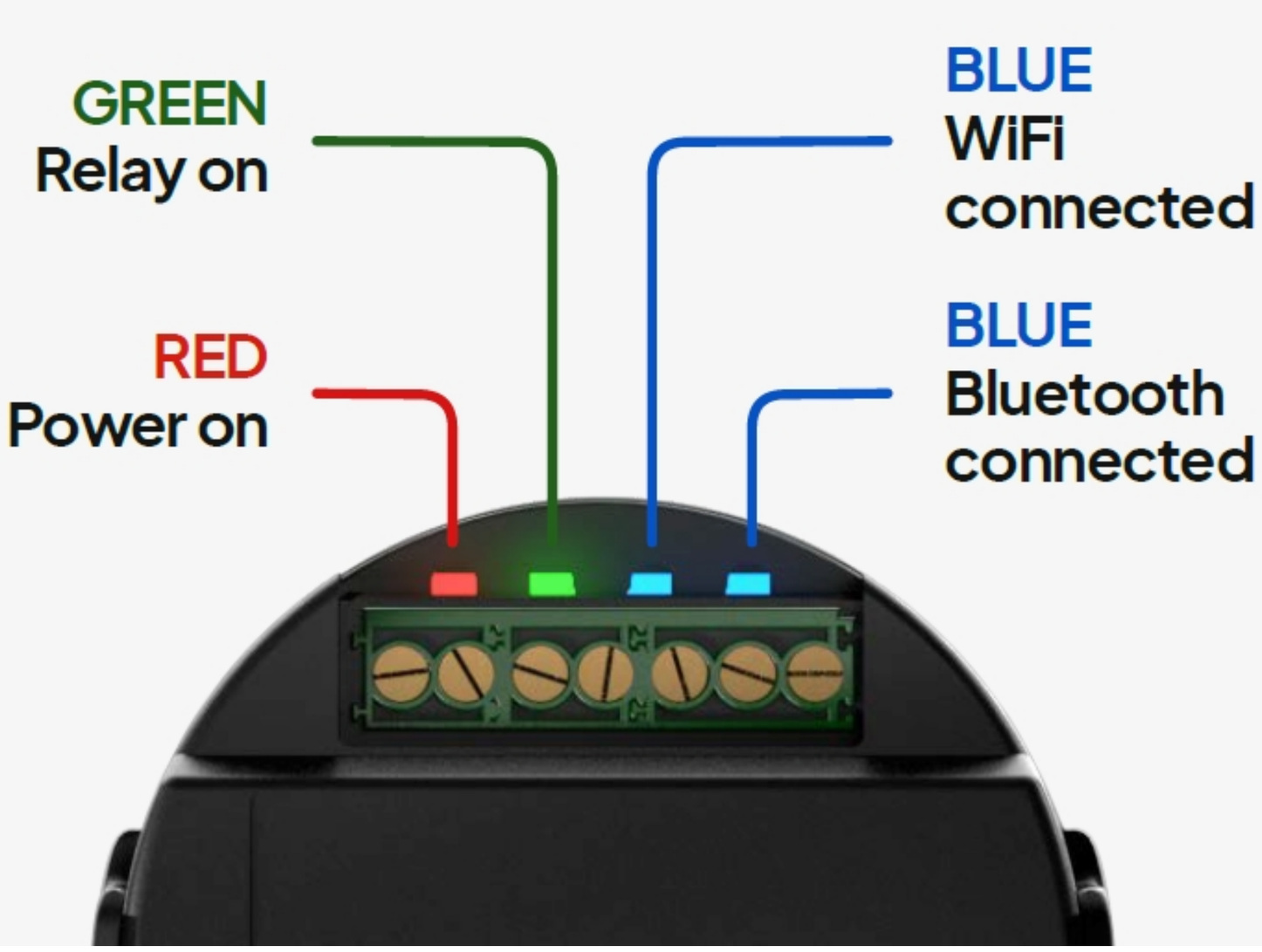
There are two connection options.The relay can be connected either as a power-free relay switch (NO) for garage doors and car gates or with supply power for door locks, magnets and strike plates.

Note: Sample electrical connection drawings and LED indication description on next sheets.

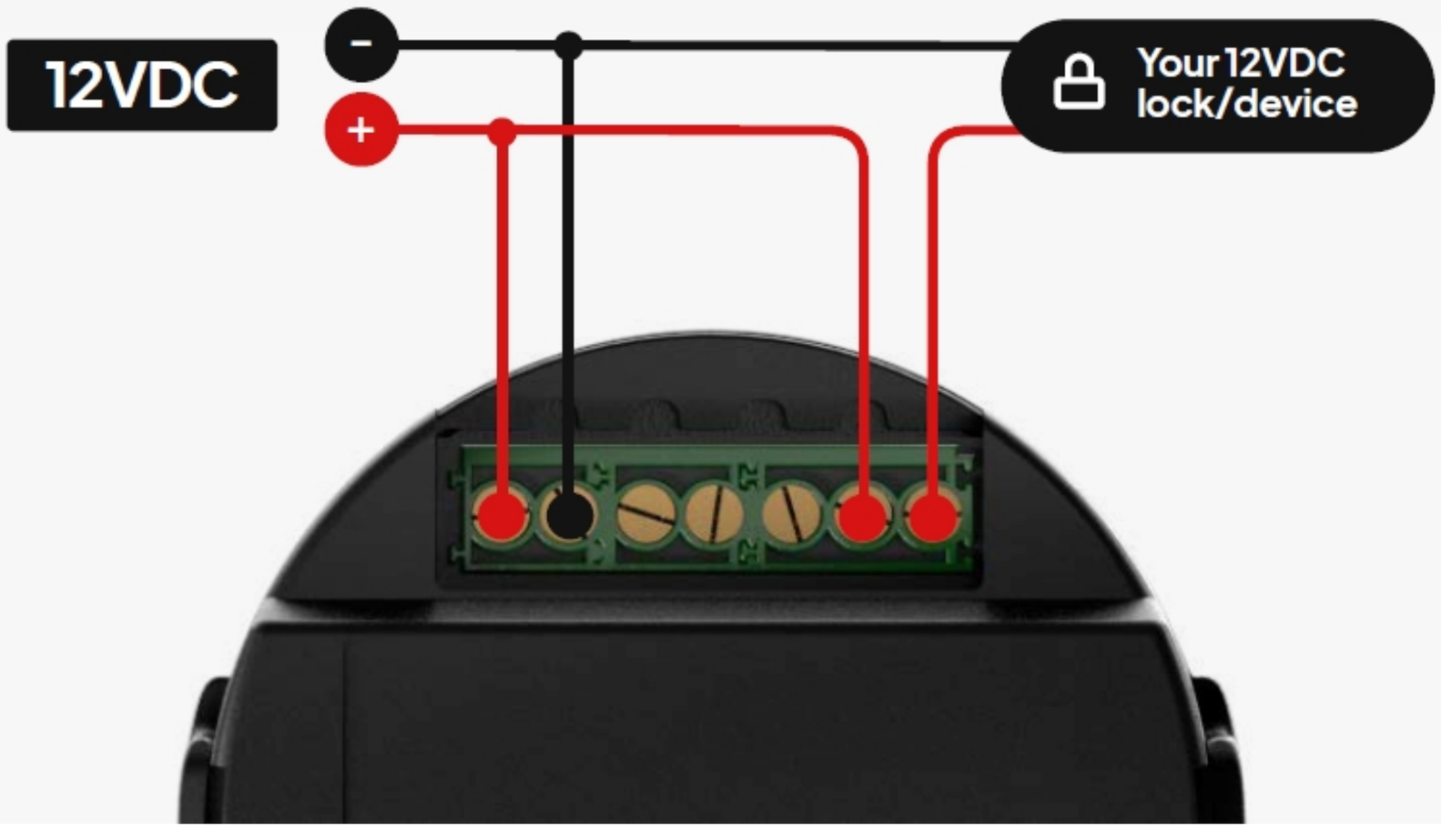


Install Standard 2 module

LED indication

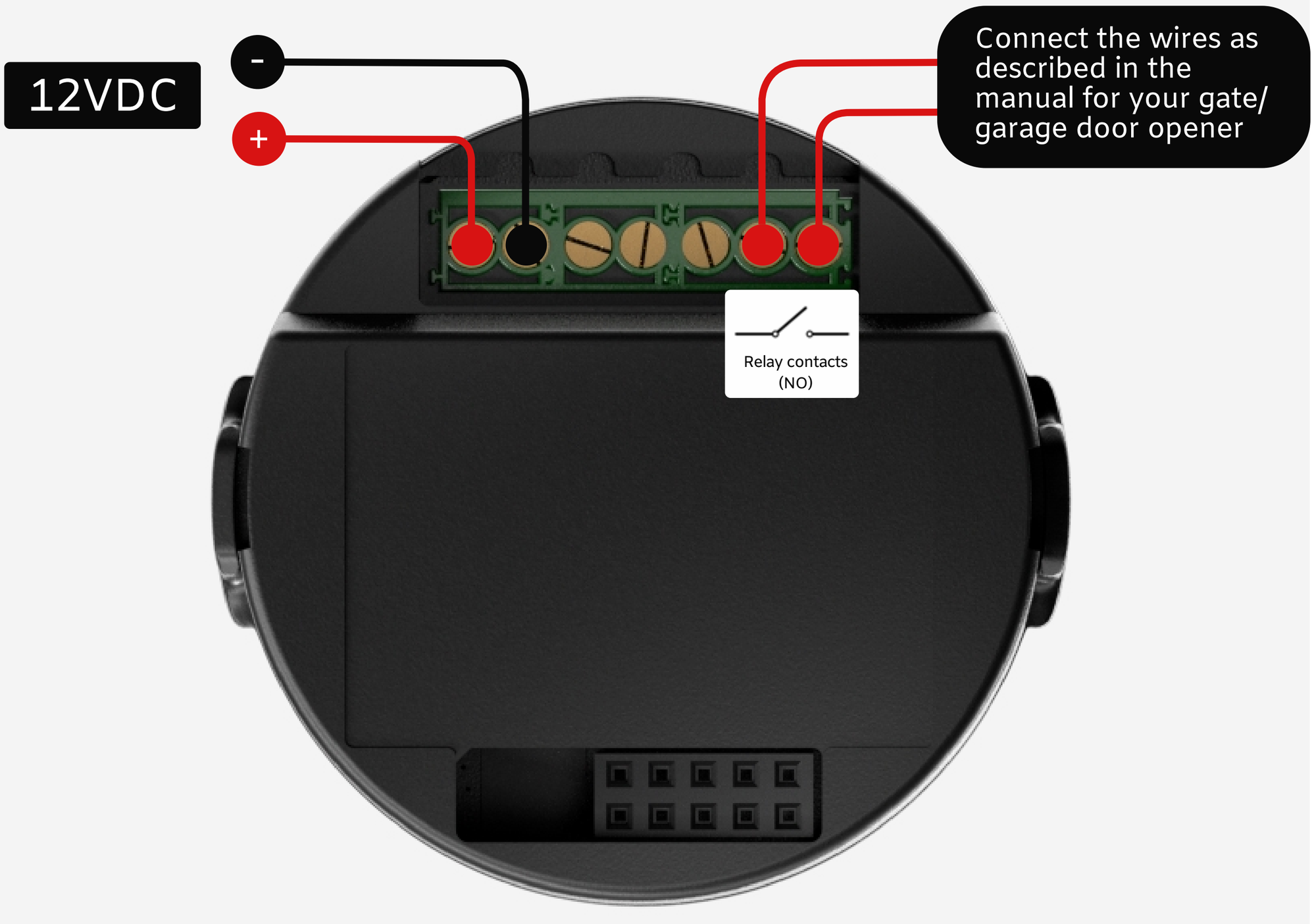


12VDC Power Source



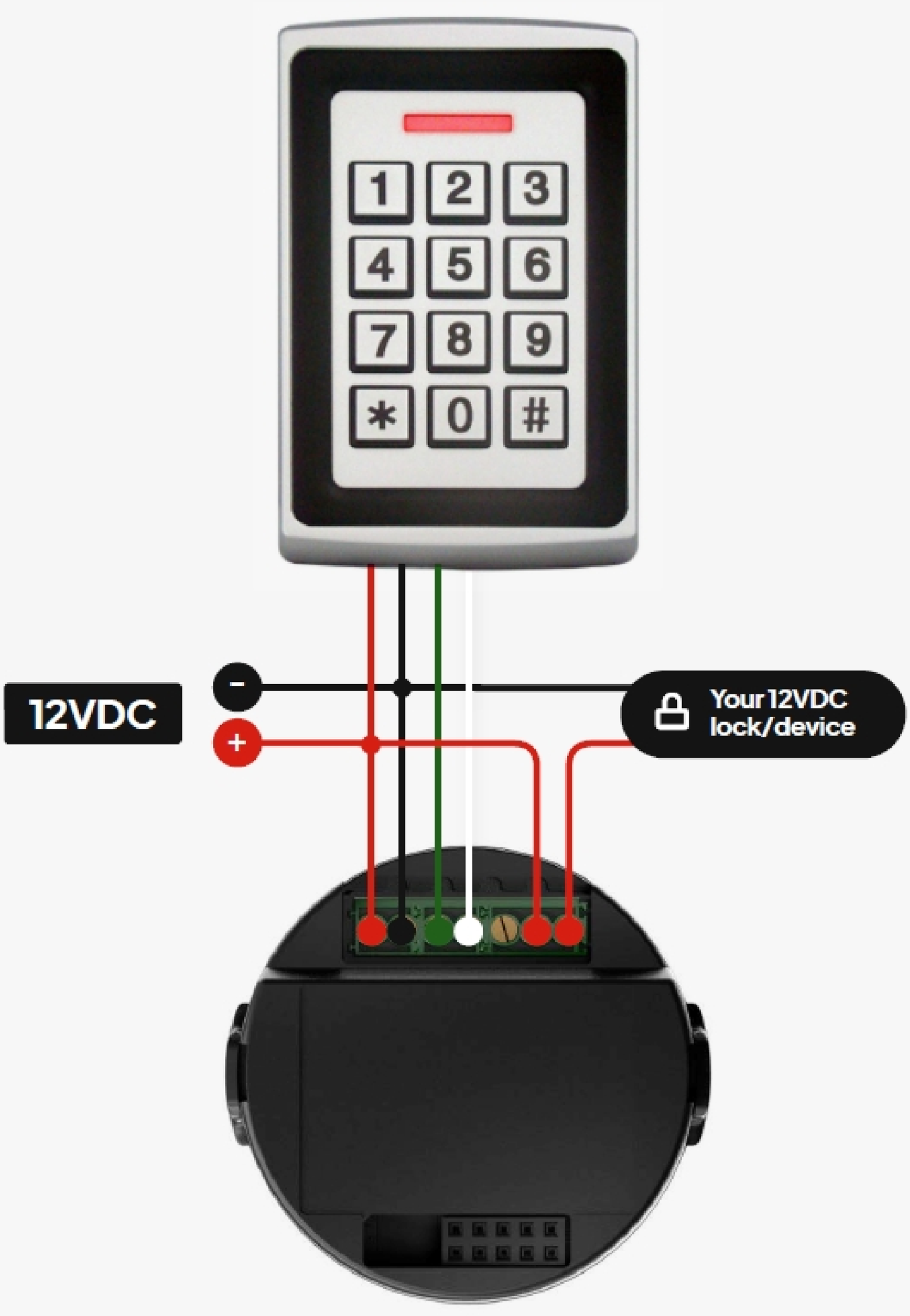
Install Standard 2 module

Gate/Garage door opener

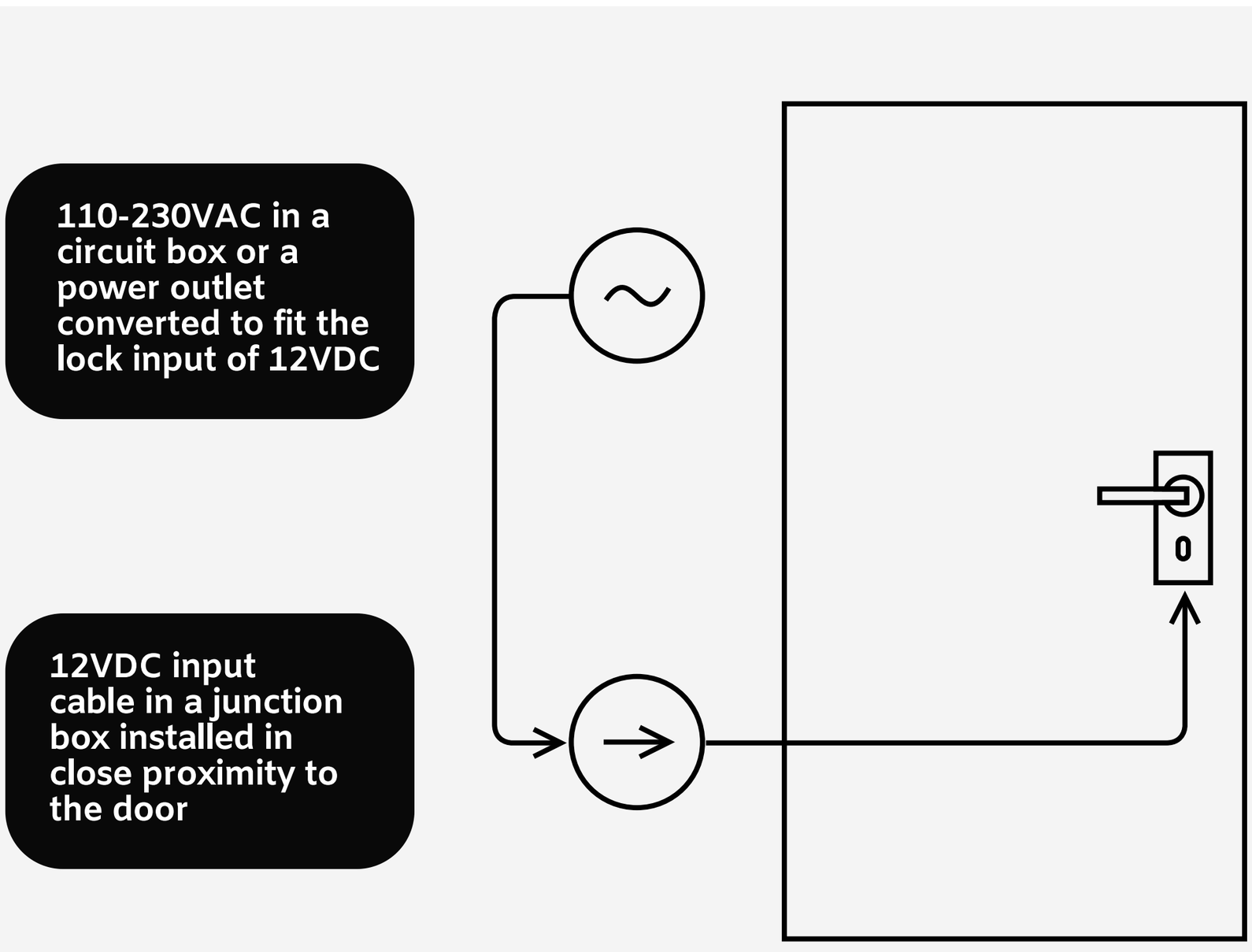


Install Standard 2 module

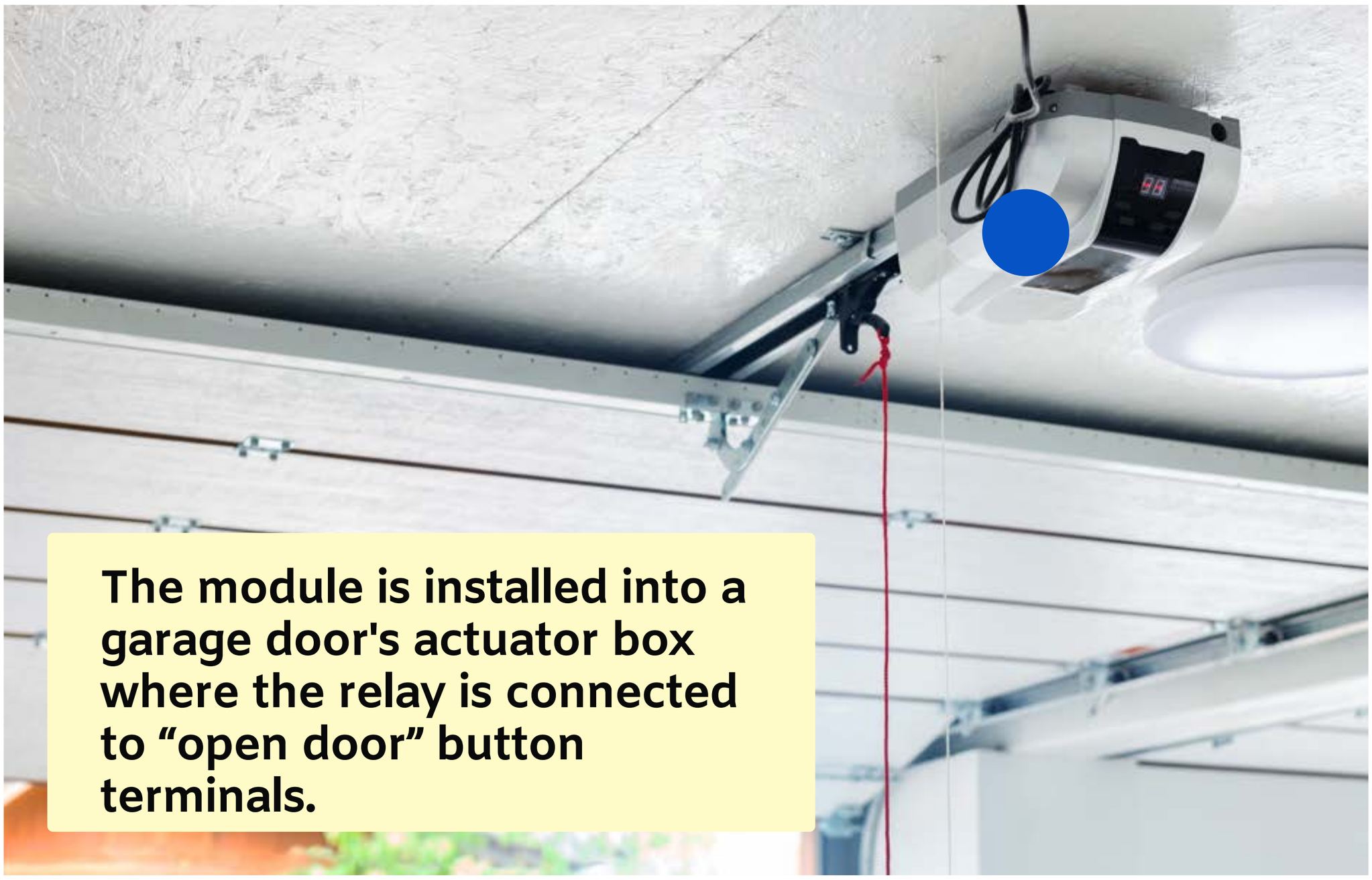
Wiegand card reader/PIN pad (optional)



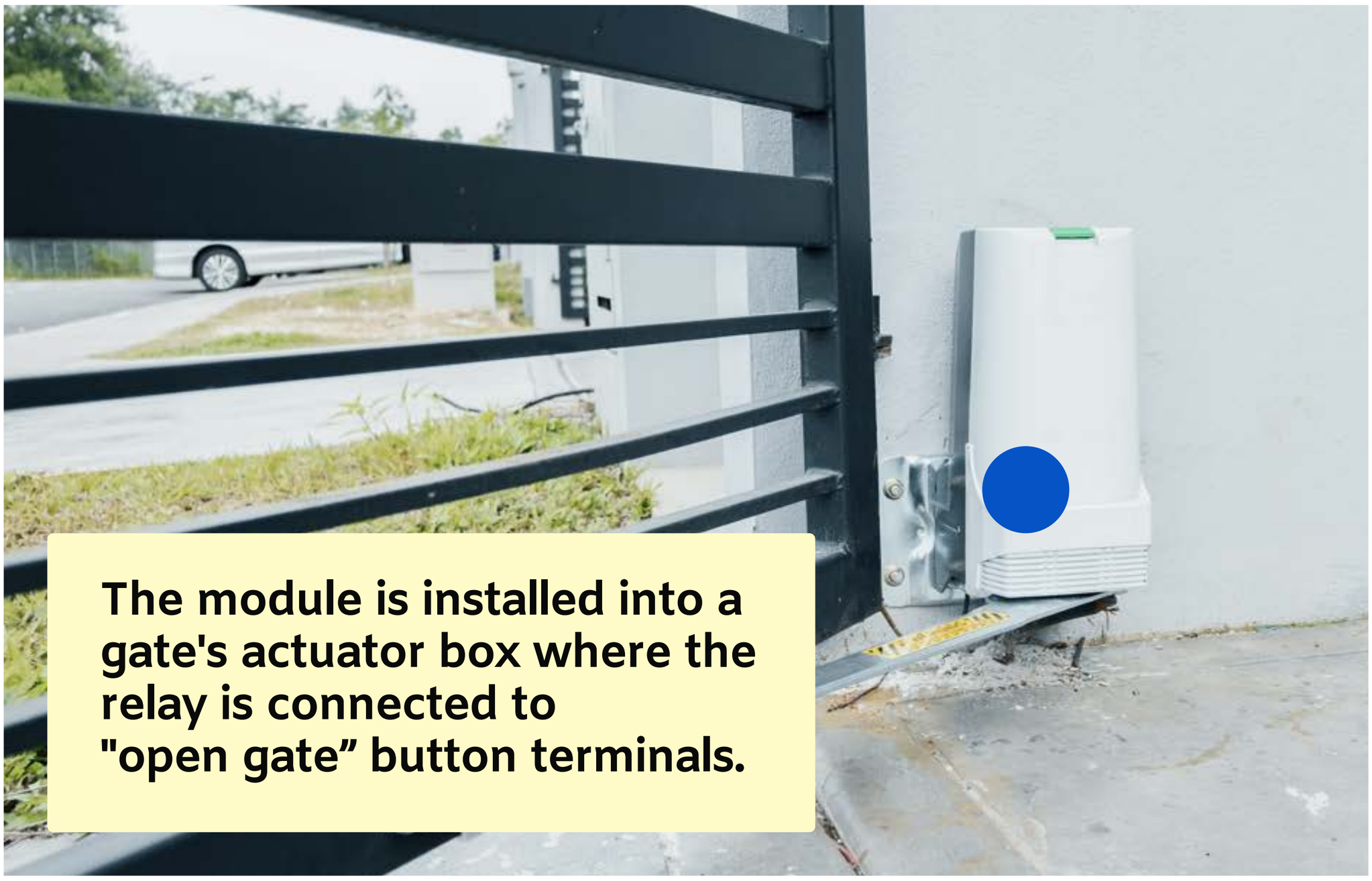
Install Standard 2 module



Install Standard 2 module



The module is installed into a garage door's actuator box where the relay is connected to “open door” button terminals.



The module is installed into a gate's actuator box where the relay is connected to "open gate” button terminals.

4

Activate the module

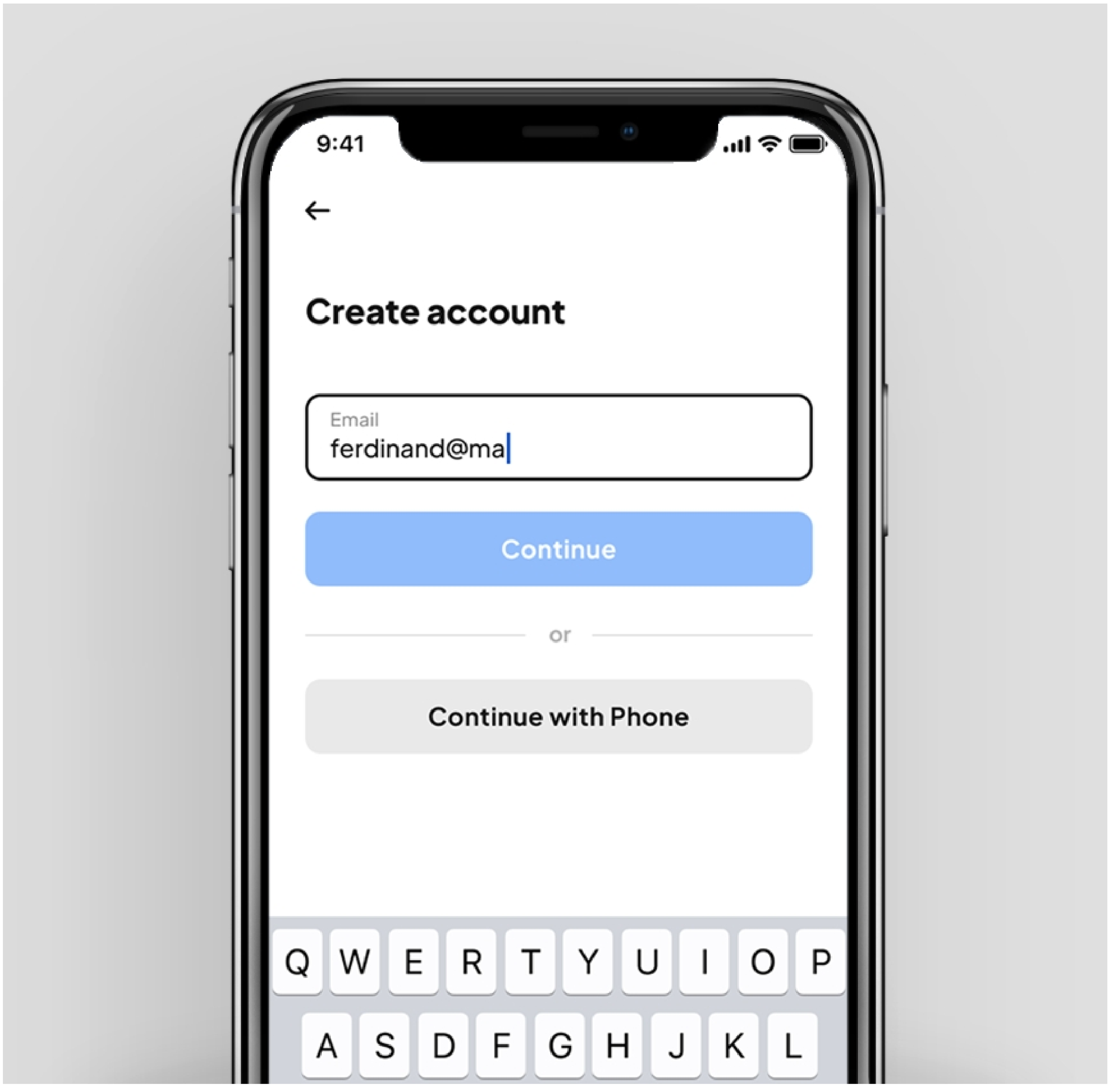
Step 1: Download the **BLE Locking** app from the App Store (Apple) or Google Play Store (Android).

BLE Locking

App Store

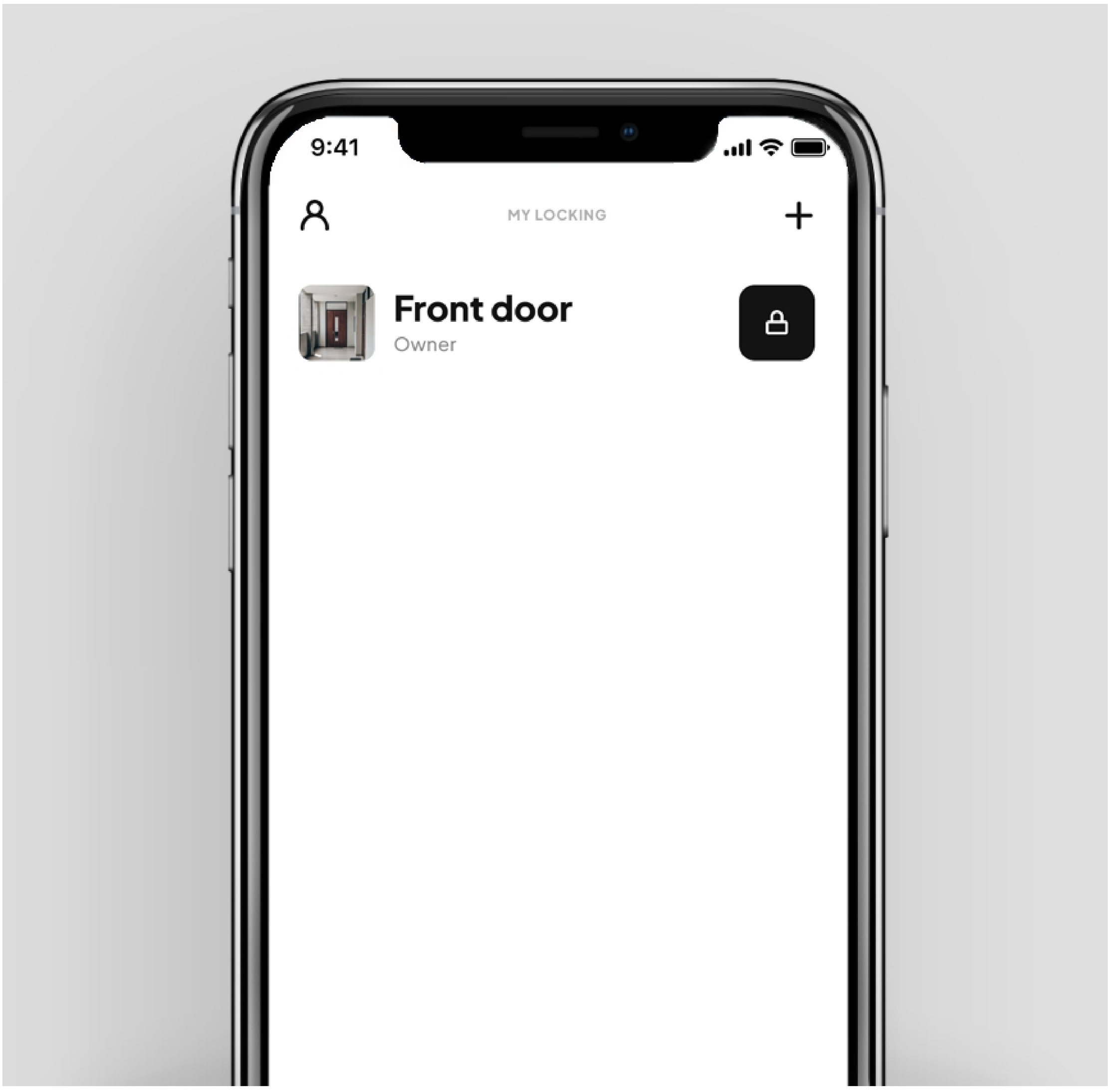
Google Play

Step 2: Tap **Get Started** to create an account in the app and log in.



Step 3: Tap **Add a lock module** and scan the QR-code that's on the module.

Done: You are ready to use your lock. Tap the **lock button** in the app to activate the lock.



4

Good to know

Operation

A connection between the lock and the app is established over Bluetooth or Wi-Fi connectivity.

Bluetooth

To operate the lock via Bluetooth, the phone (BLE Locking app) needs to be in the Bluetooth range. Range is higher in environments with direct visibility (~50m) and lower where there is no direct visibility to the lock.

Wi-Fi

To use the lock with Wi-Fi, the module must be connected to Wi-Fi and "Remote access" must be enabled in the BLE Locking app. That way the lock can be opened even from another country.

Power failure

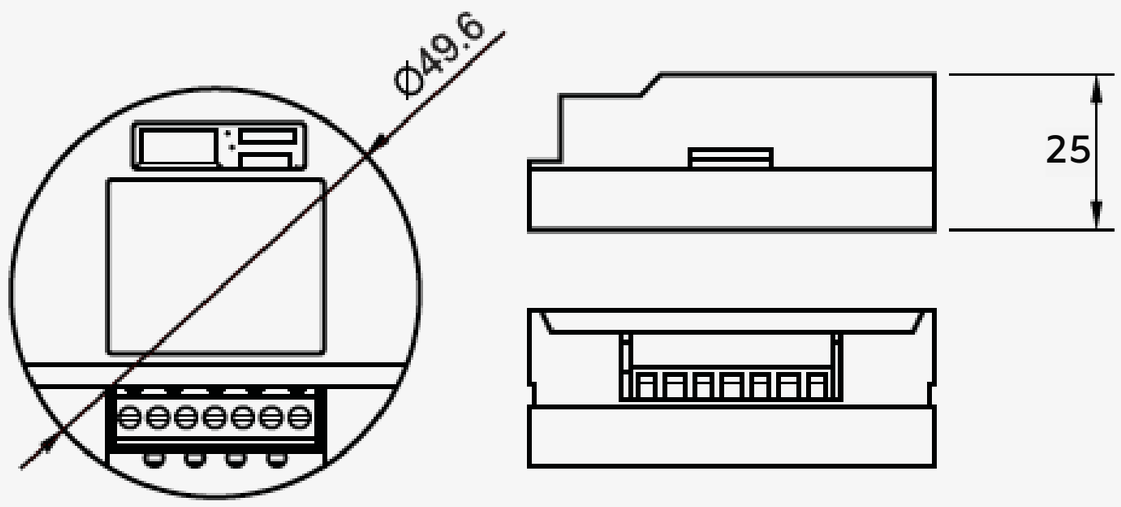
After power failure, the BLE Locking Standard 2 module will continue operation as soon as power supply is restored. To operate the lock during power failure, a relevant backup battery needs to be connected to the module and the lock.

Loss of your phone

In case your phone gets lost, all keys may be revoked via the BLE Locking web admin portal (admin.blelocking.com). You may generate new keys for the lock as soon as you have downloaded the BLE Locking app into your new phone and logged in to the app (logging in on the new device will automatically log you out of the app on the old device).

Technical specification

Power Supply	12VDC
Relays (Quantity & type)	1 x non-latching, maximum load 10A, 240VAC or maximum load 10A, 12VDC
Radio protocols & network	Wi-Fi 802.11 b/g/n Bluetooth v4.2 BR/EDR & BLE External Wi-Fi/BT antenna (optional)
Additional connectivity	1x Wiegand reader or 2x analogue inputs for HW switch/PIR sensor/ Hall-effect sensor
Physical connectors	Relay in/out, power, input switch 7-gang terminal for cables up to 1 mm²
IP rating	IP41
Electrical consumption	Normal operation 50 mA Maximum 200 mA
Working temp.	-40°C up to 75°C
Weight	40g



Physical properties

Dimensions:

⌀ =49.6mm, h=25.0mm

Weight: 40g

Working temp.: –40 kuni 75 °C

Note: The module requires a 12 VDC power supply with a nominal power of at least 3W.

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