BLE Locking
Standard 2 Module

Quick start 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. Its size allows the installation into an EU round wall socket box.

> **Note:** Electrical connections should be done by electricians.

In the box:

1. BLE Locking Standard 2 module

Physical properties

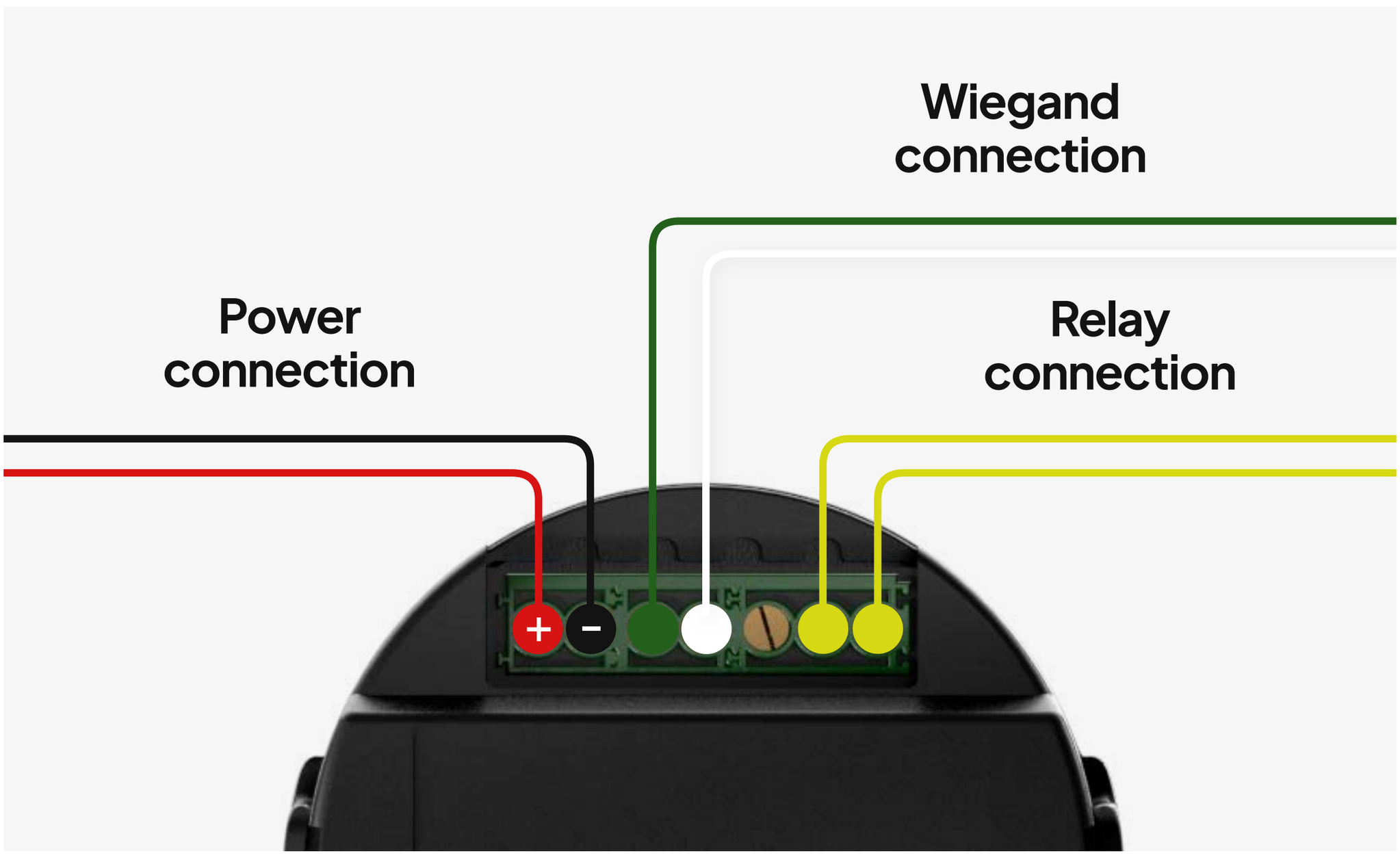
Dimensions: ⌀ =49.6mm, h=19.0mm
Weight: 25g
Working temp.: -40°C up to 75°C
IP rating: IP41
Mounting: Fits inside an EU electrical 60mm wall socket box.

2

Install Standard 2 module

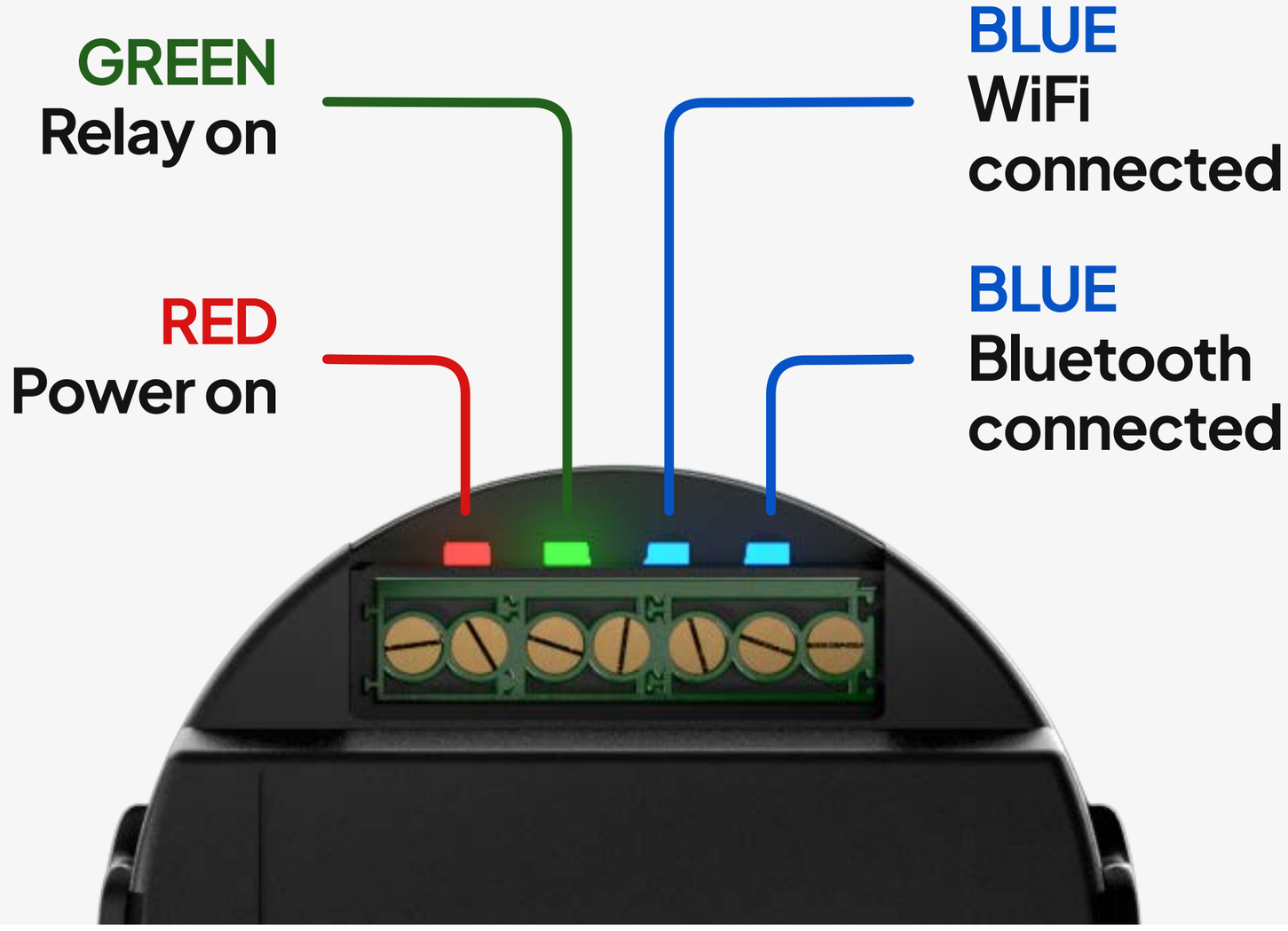
There are two connection options.The relay can be connected either as a power-free relay switch (NC) for garage doors and car gates or with supply power for door locks, magnets and strike plates.

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

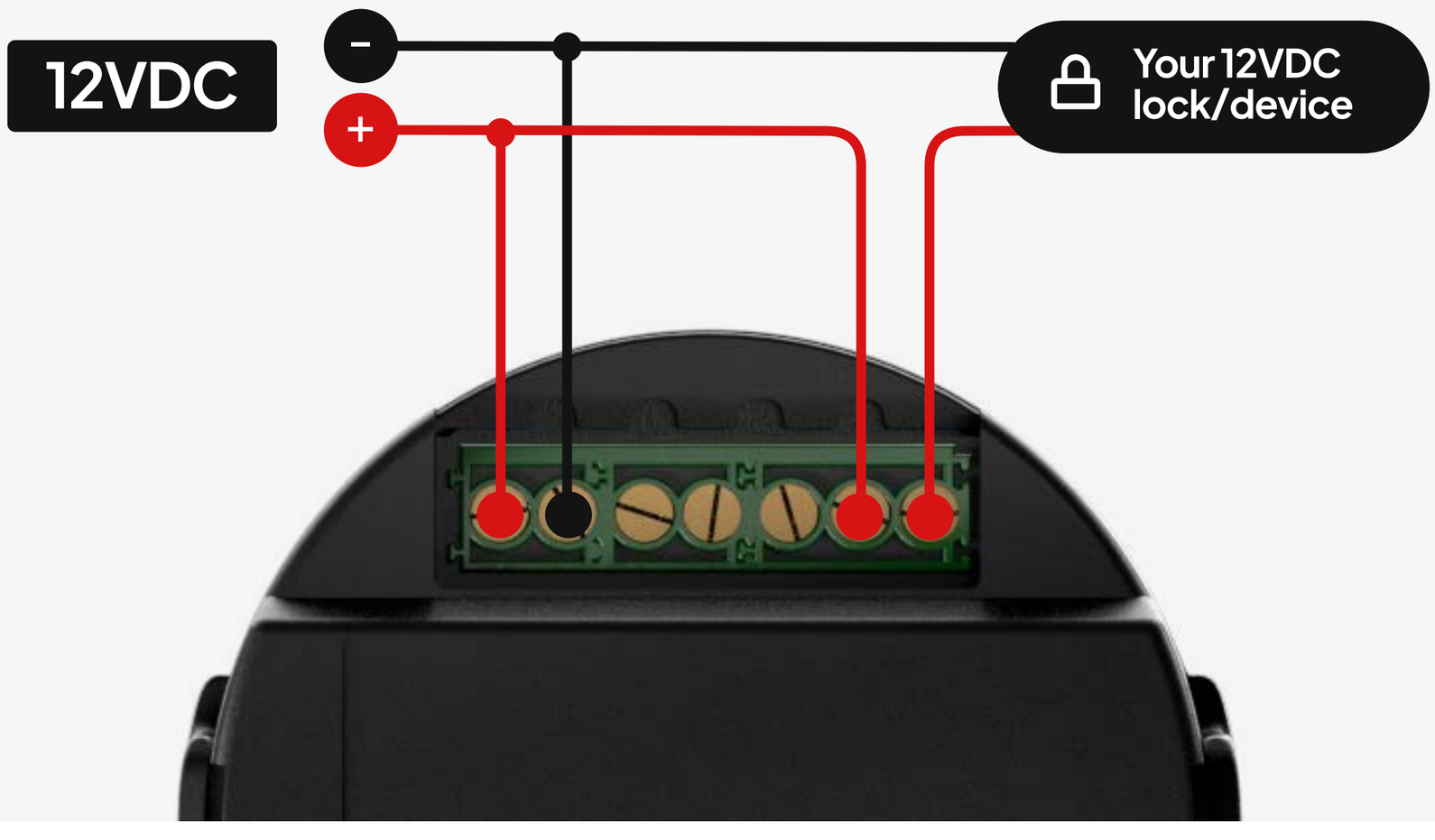


Install Standard 2 module

LED indication

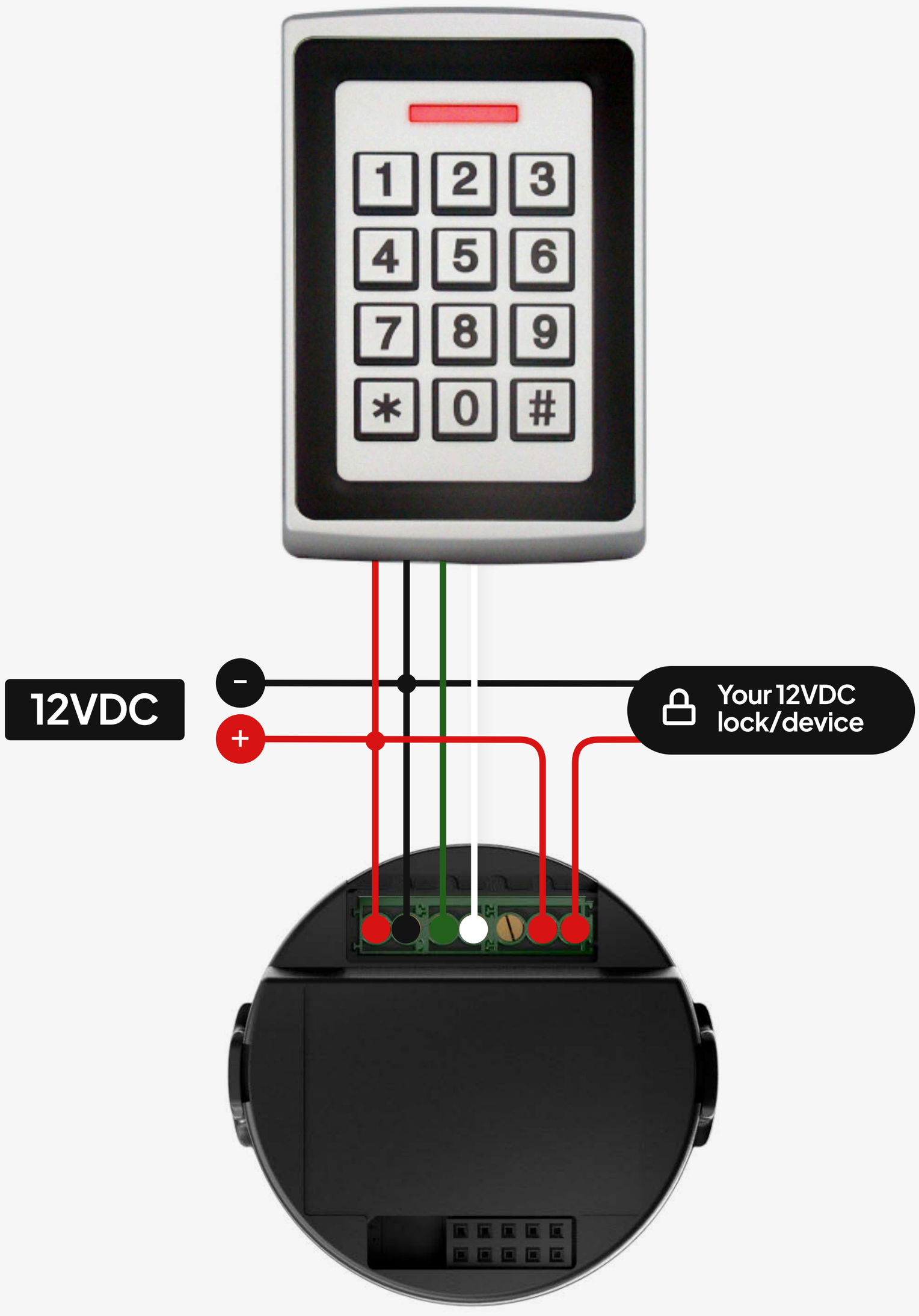


12VDC Power Source

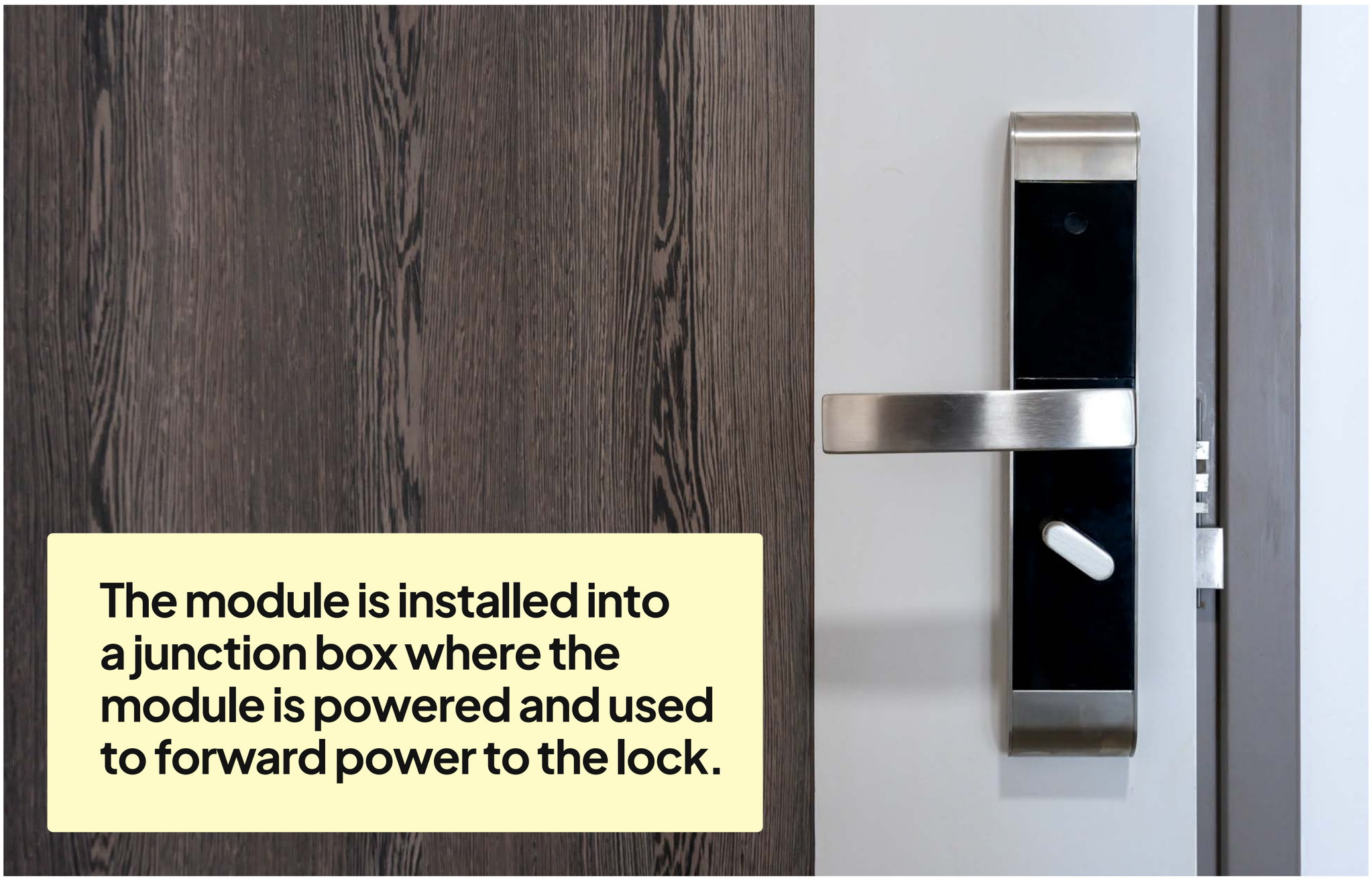


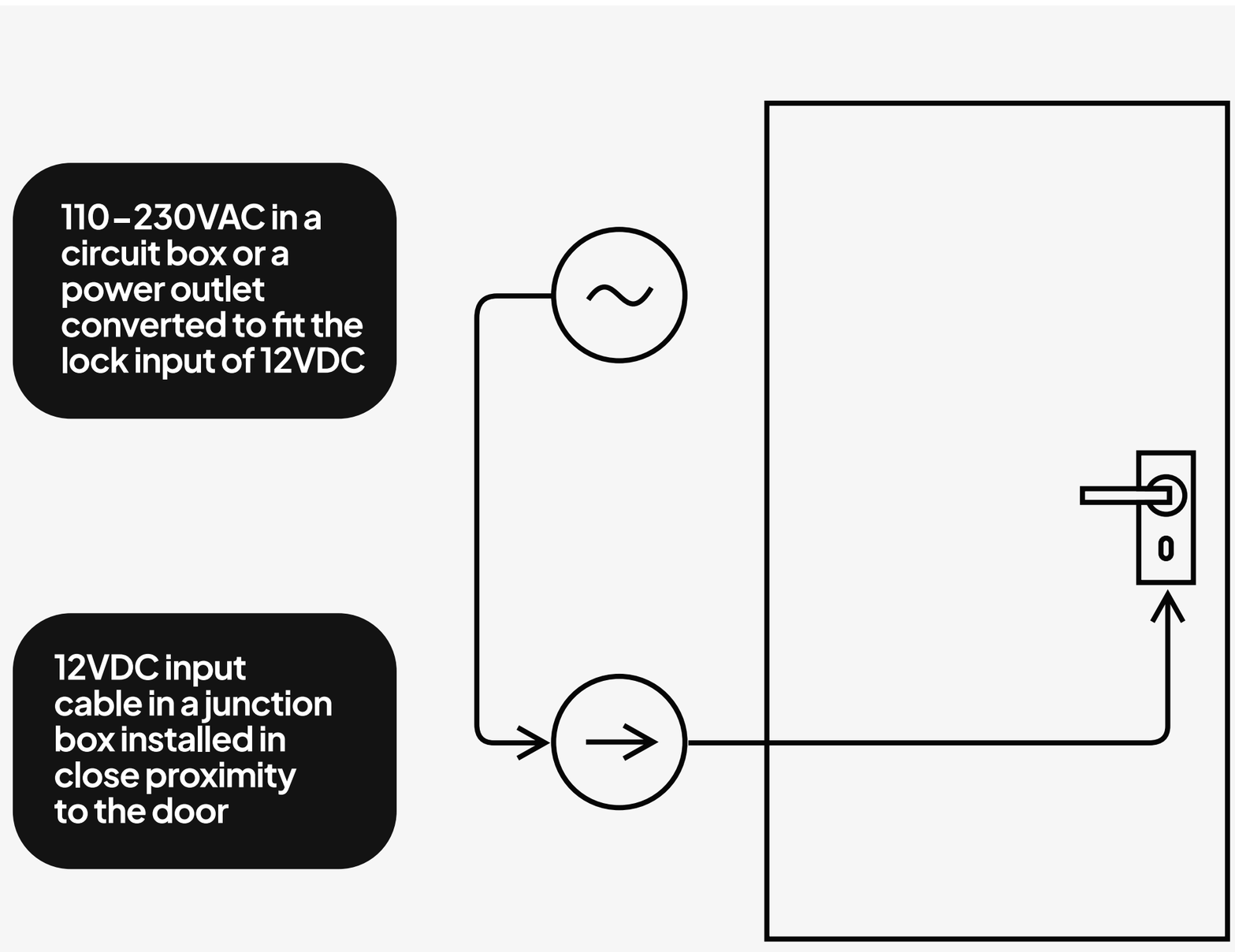
Install Standard 2 module

Wiegand card reader/PIN pad (optional)

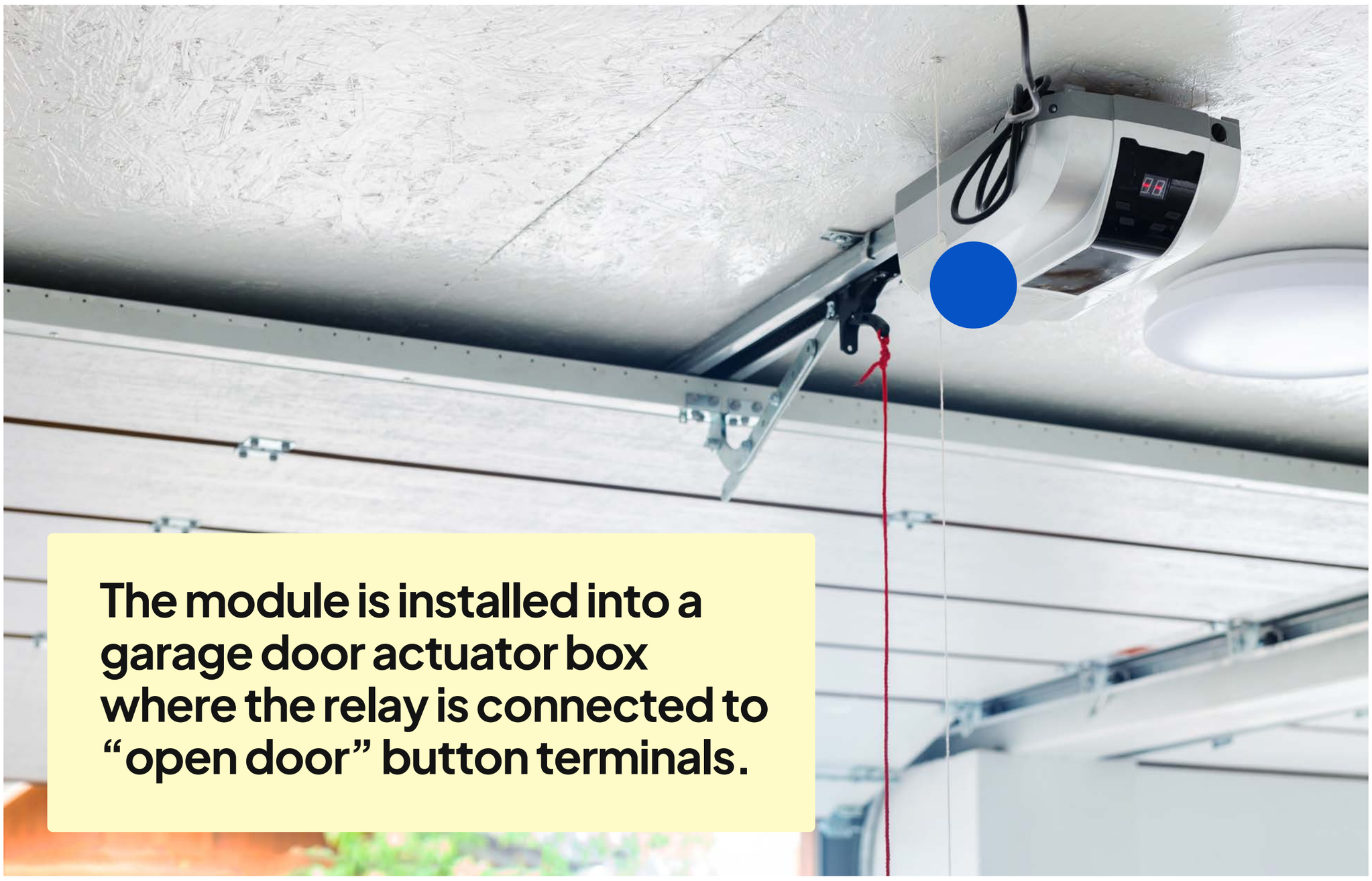


Install Standard 2 module

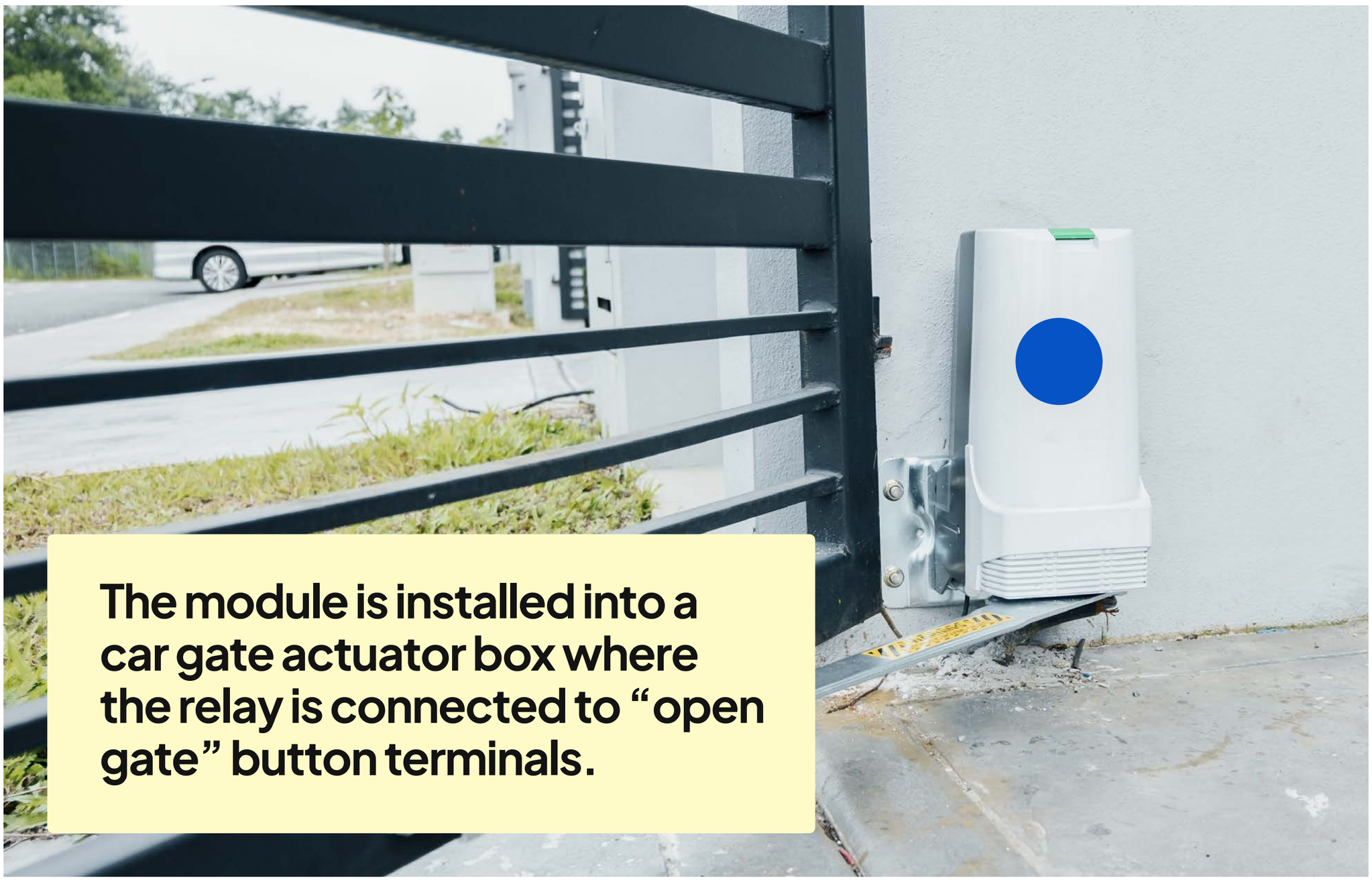




Install Standard 2 module



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



The module is installed into a car gate actuator box where the relay is connected to “open gate” button terminals.

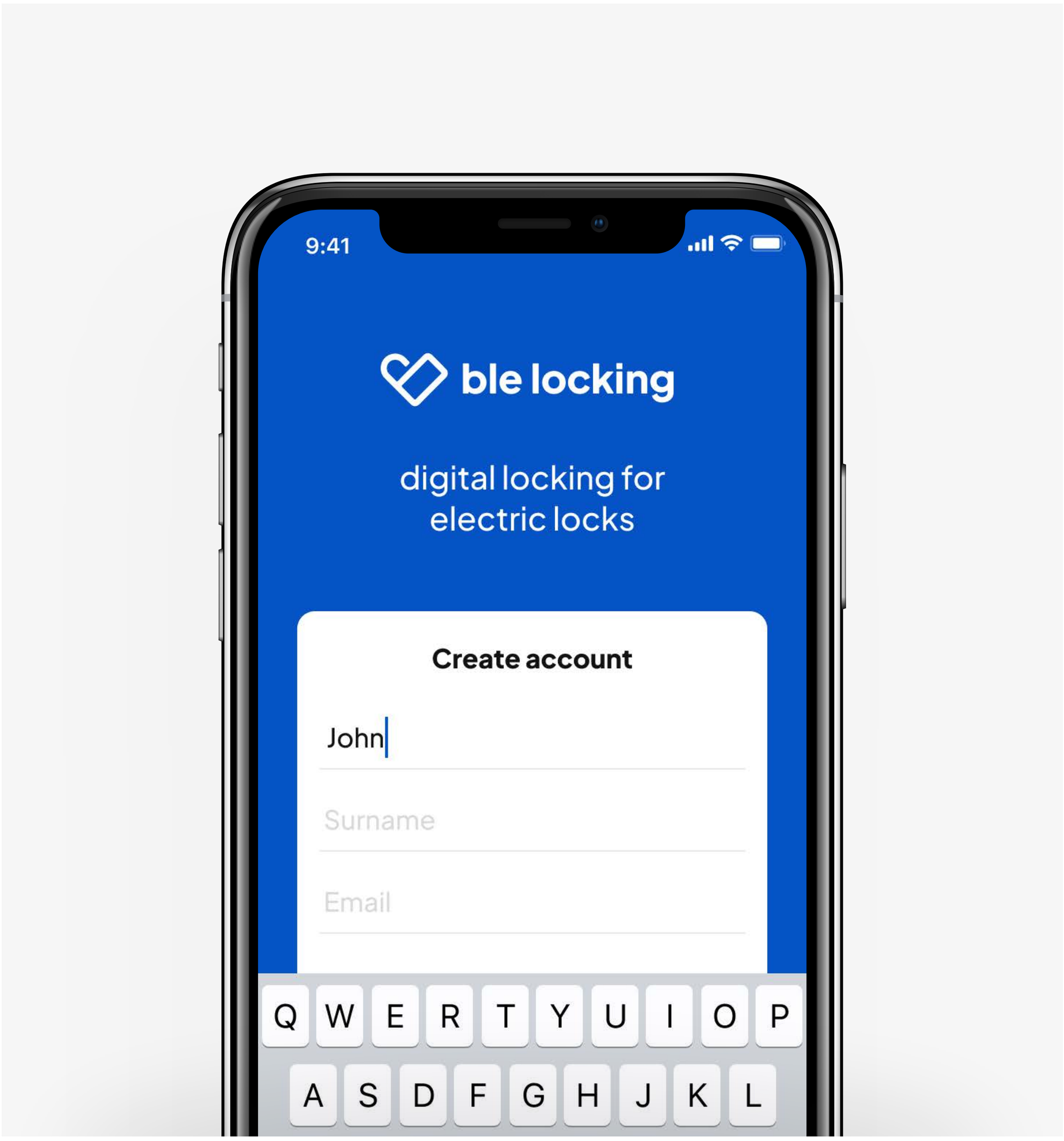
3

Activate module

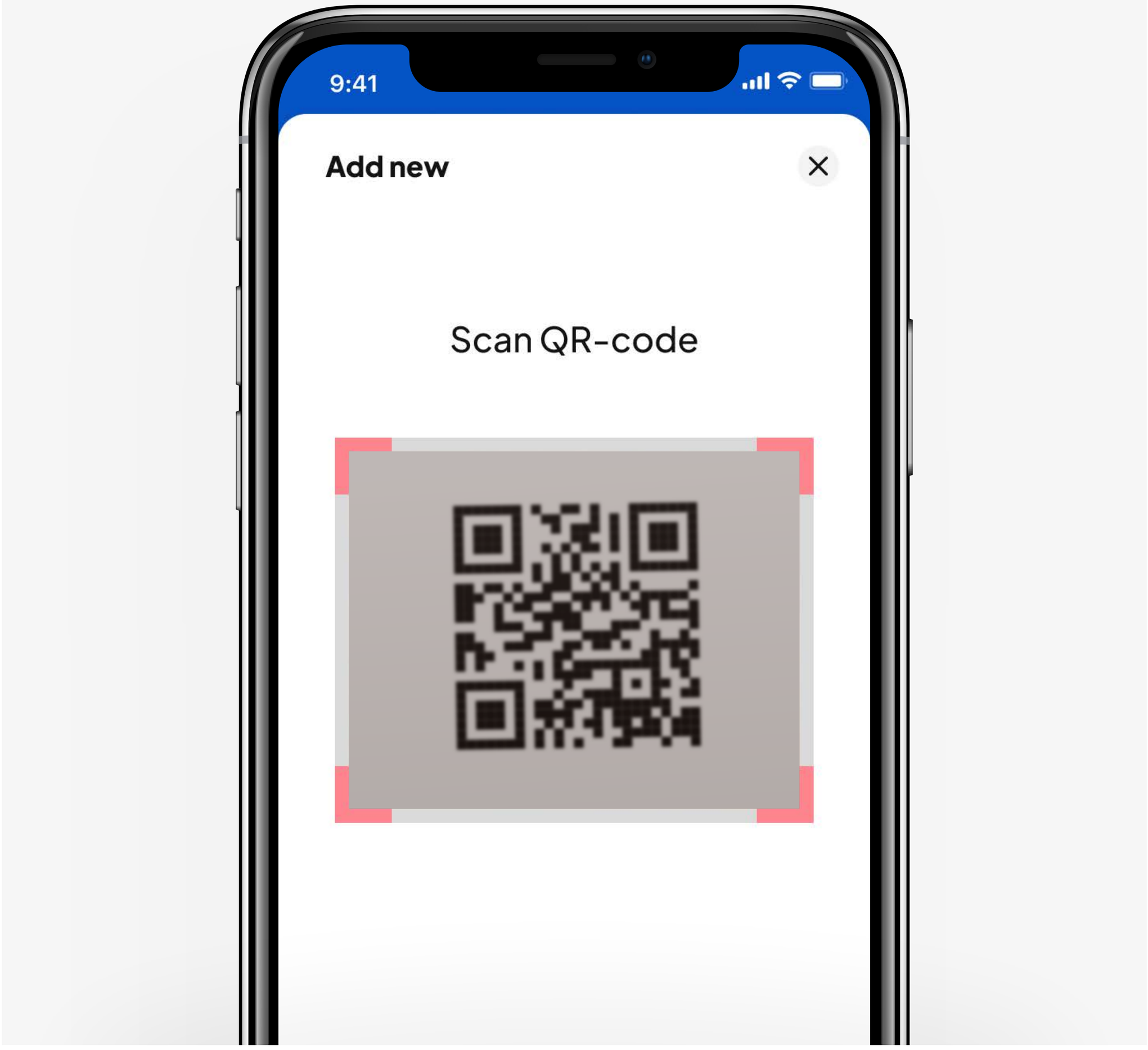
Step 1: Download the **BLE Locking App** to your smartphone from the App Store (Apple) or the Google Play Store (Android).

BLE Locking

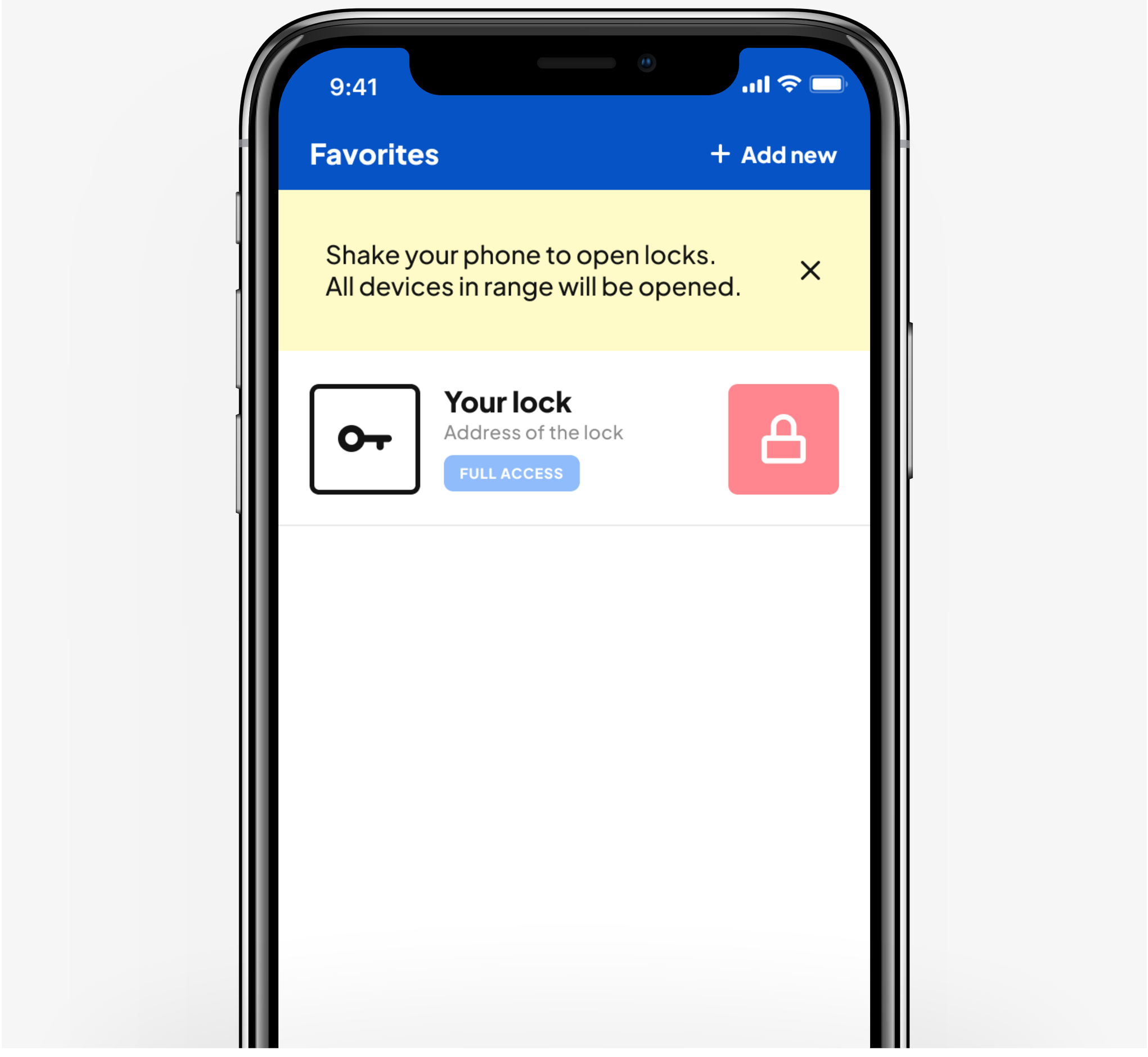
Step 2: Tap **Register** to create an account in the app and log in.



Step 3: Tap **Add new** and scan the QR-code that came with the module.



Done: You are ready to use your lock. The lock is activated when you tap the **lock icon.**



4

Good to know

Operation

A connection between the lock and the app is established over Bluetooth connectivity.

Range

To operate the lock, the smartphone (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.

Purchasing digital keys

Your module might come with a set of keys included in the module price. Additional keys may be acquired from your reseller or via the BLE Locking app.

Power failure

After power failure, the BLE Locking Standard module will continue the operations 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 mobile phone gets lost, all keys may be revoked via the BLE Locking web admin portal. 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.

Technical specification

Power Supply	12VDC
Relays (Quantity & type)	1× non-latching max. load 10A 240VAC or max. load 10A 12VDC
Radio protocols & network	Wi-Fi 802.11 b/g/n Bluetooth v4.2 BR/EDR & BLE Ext. WiFi/BT antenna (optional)
Additional connectivity	1 x Wiegand reader or 2× analogue inputs for hardware switch / PIR sensor / Hall-effect sensor 1× open collector output
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 mAh Maximum 200 mAh
Working temp.	-40°C up to 75°C
Weight	25g

we put our ♥ in locking

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More information
blelocking.com