

BLE Locking Standard 2 Module

Installation guide



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.

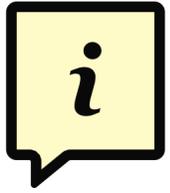


Note: Electrical connections should be done by electricians.

In the box:

1. BLE Locking Standard 2 module





Physical properties

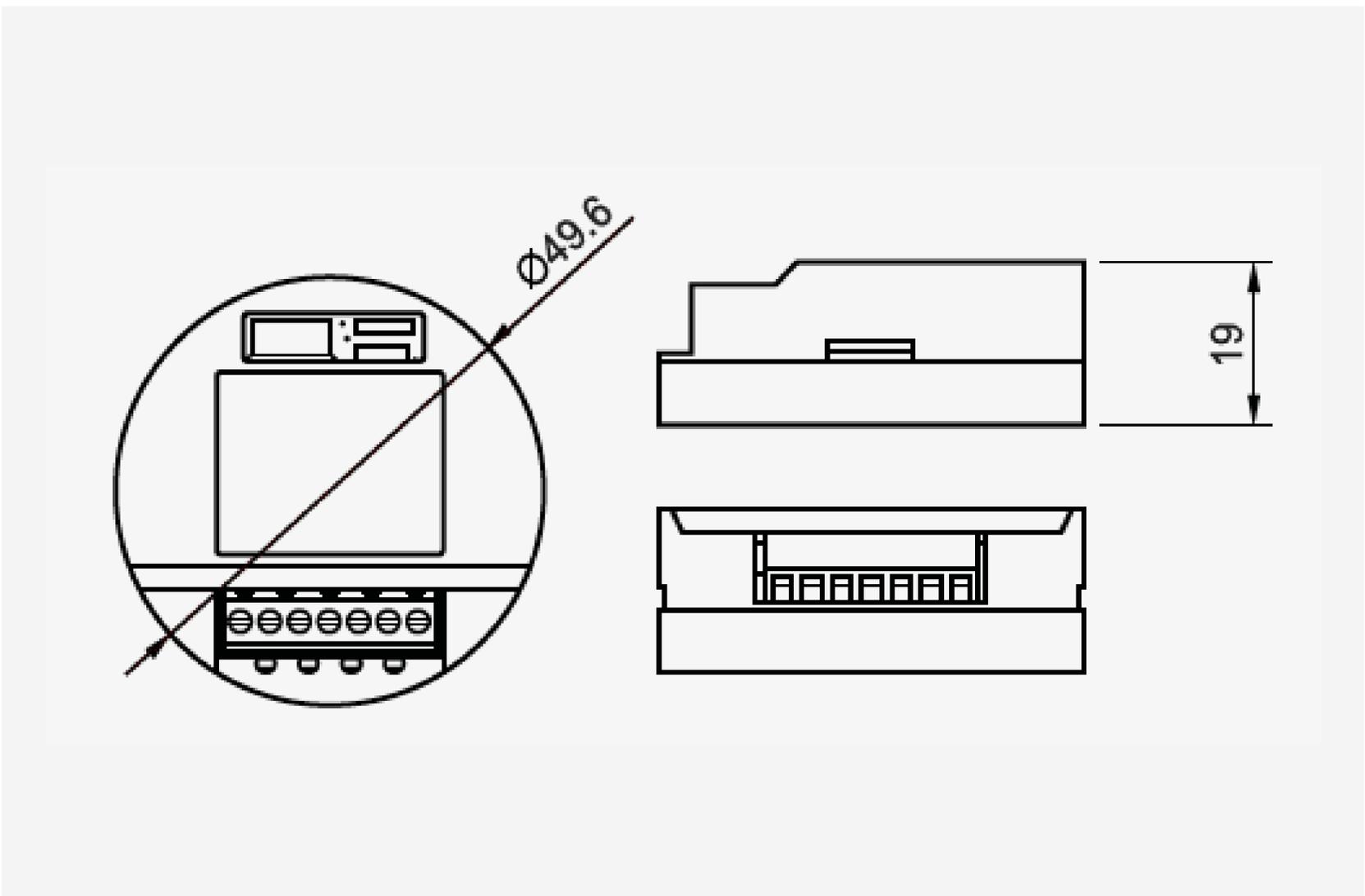
Dimensions: $\varnothing = 49.6\text{mm}$, $h = 19.0\text{mm}$

Weight: 40g

Working temp.: -40°C up to 75°C

IP rating: IP41

Mounting: Fits inside an EU electrical 60mm wall socket box.

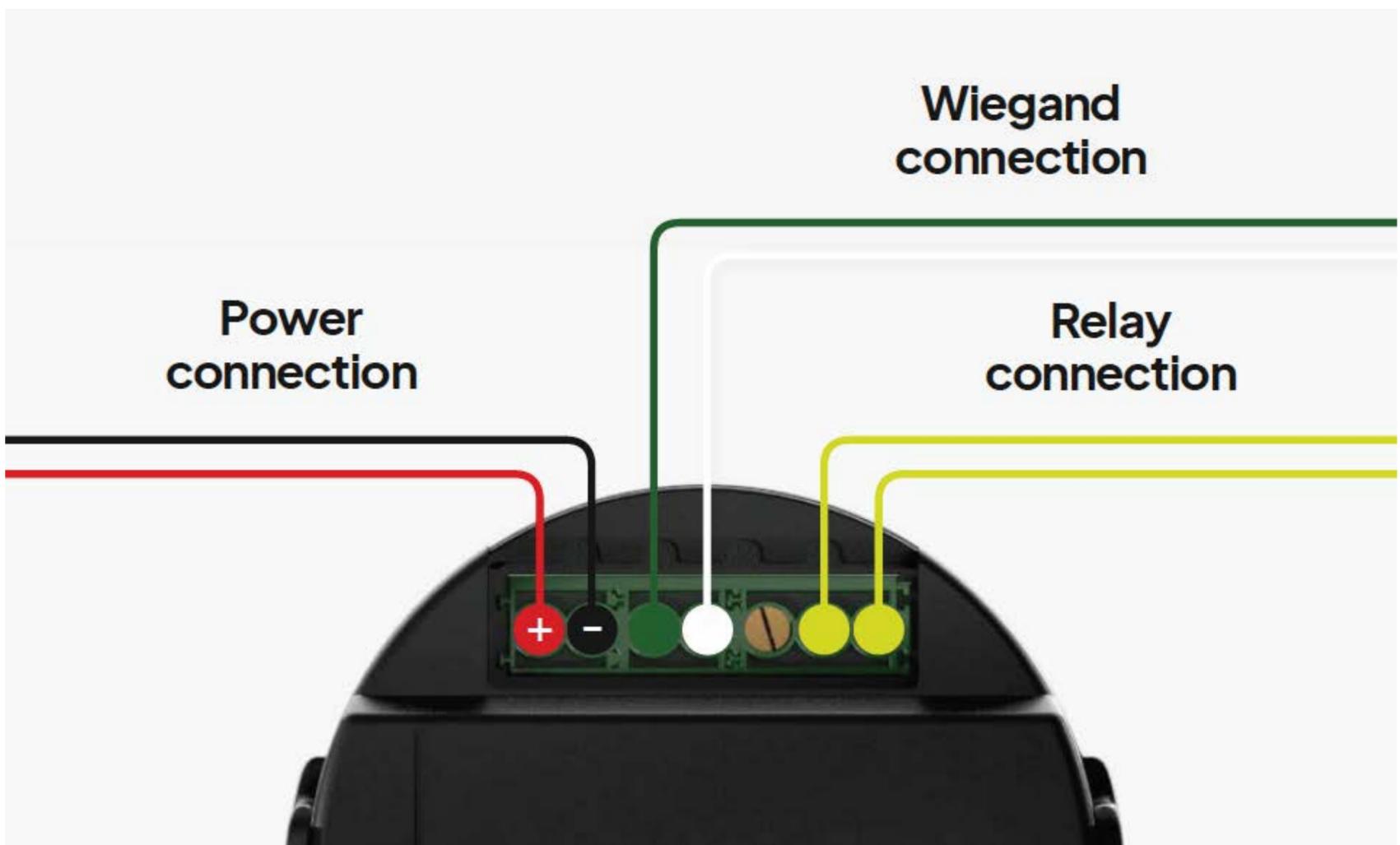


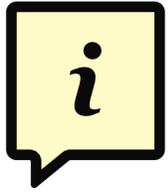
Install Standard 2 module

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.



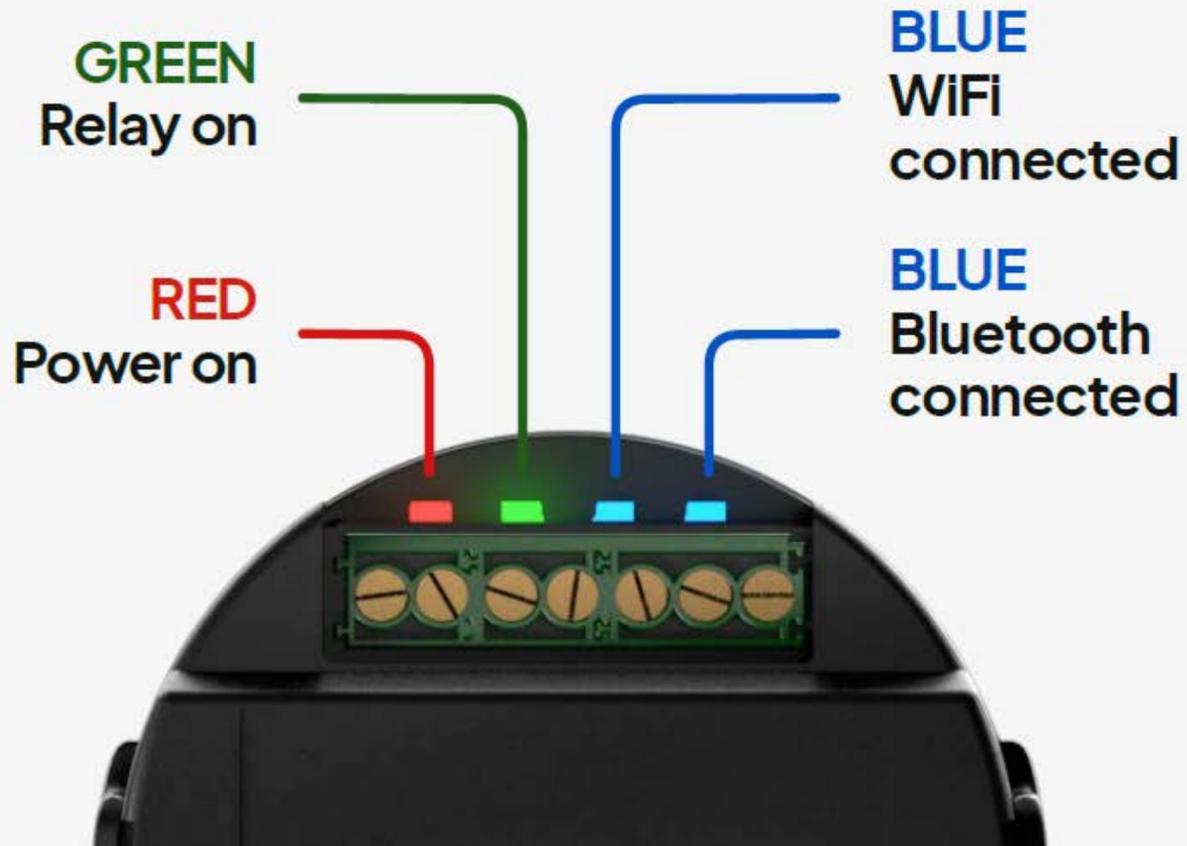
Note: Sample electrical connection drawings and LED indication description on next sheets.



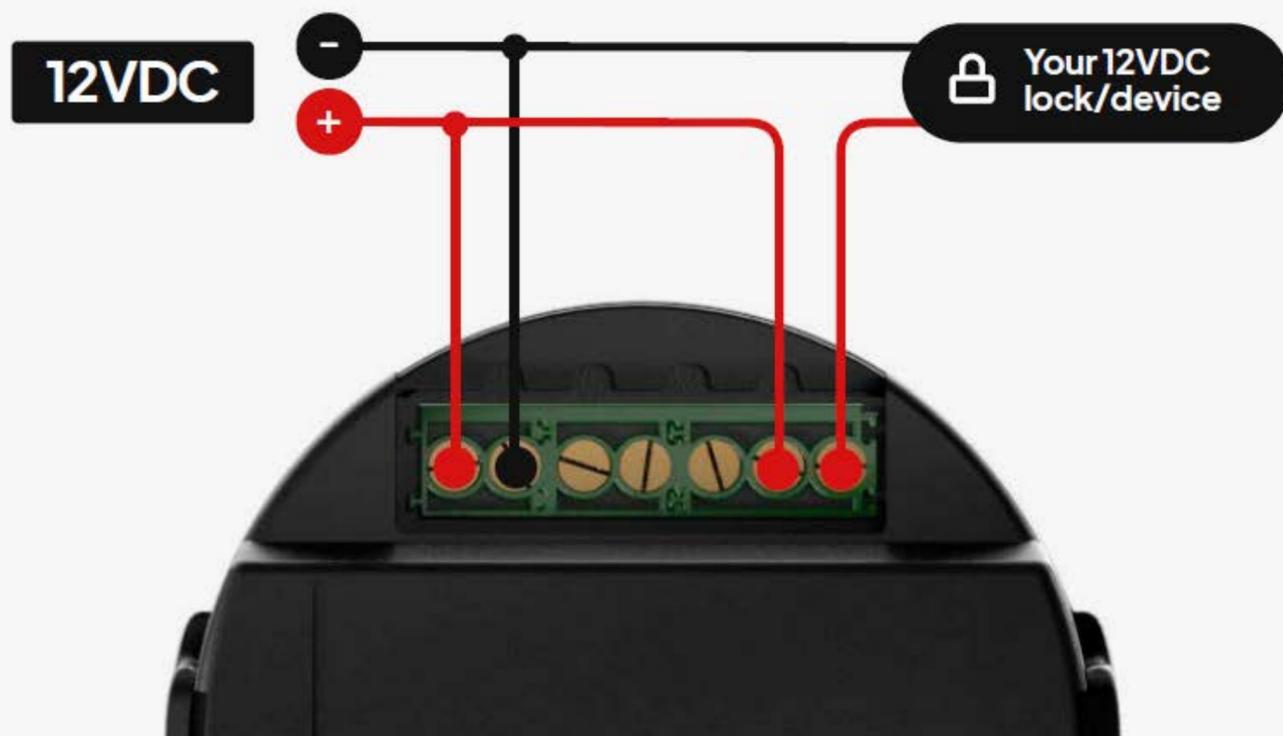


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LED indication



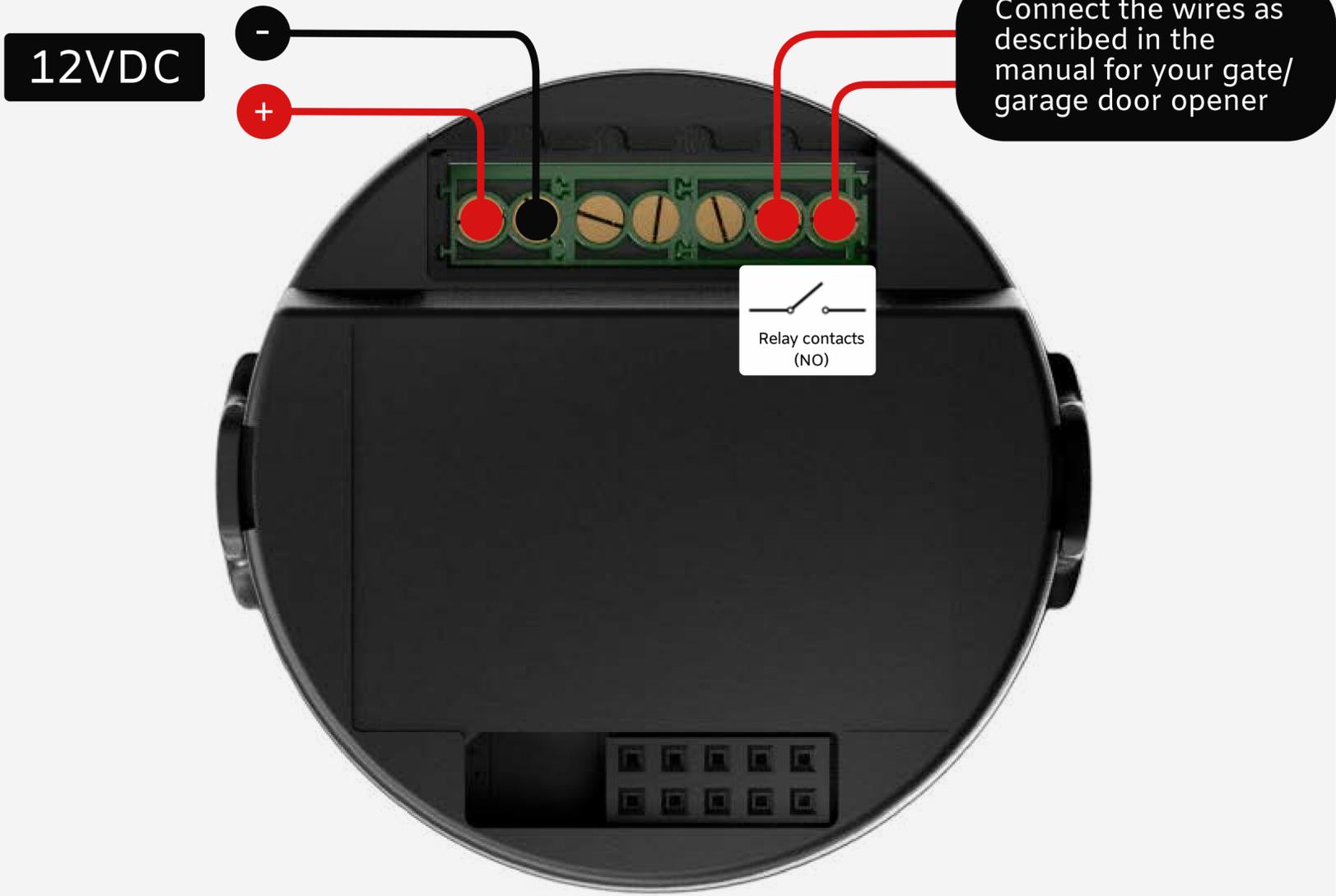
12VDC Power Source

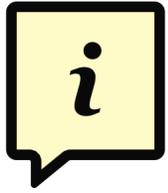




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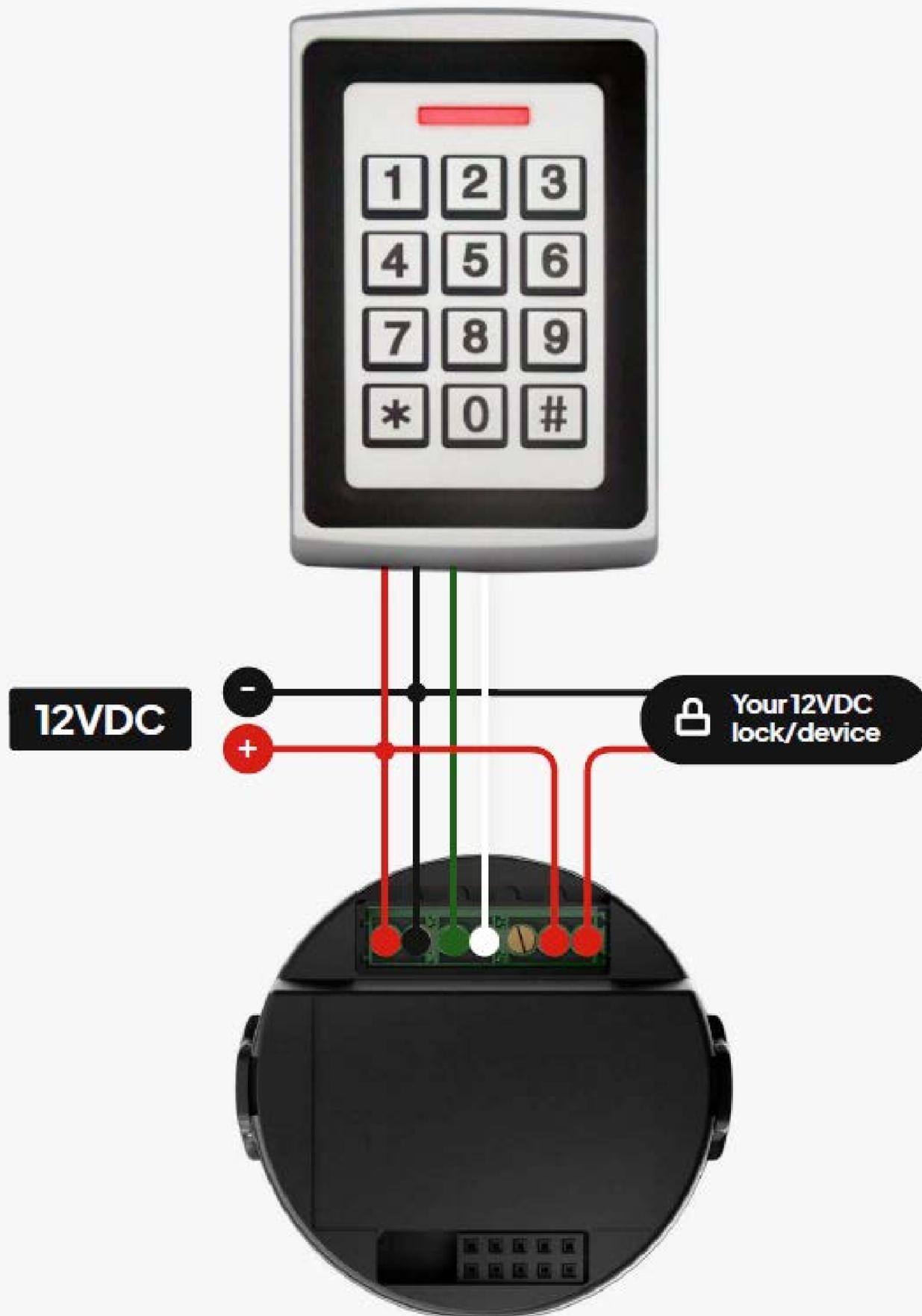
Gate/Garage door opener

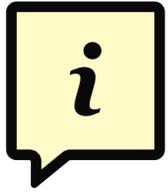




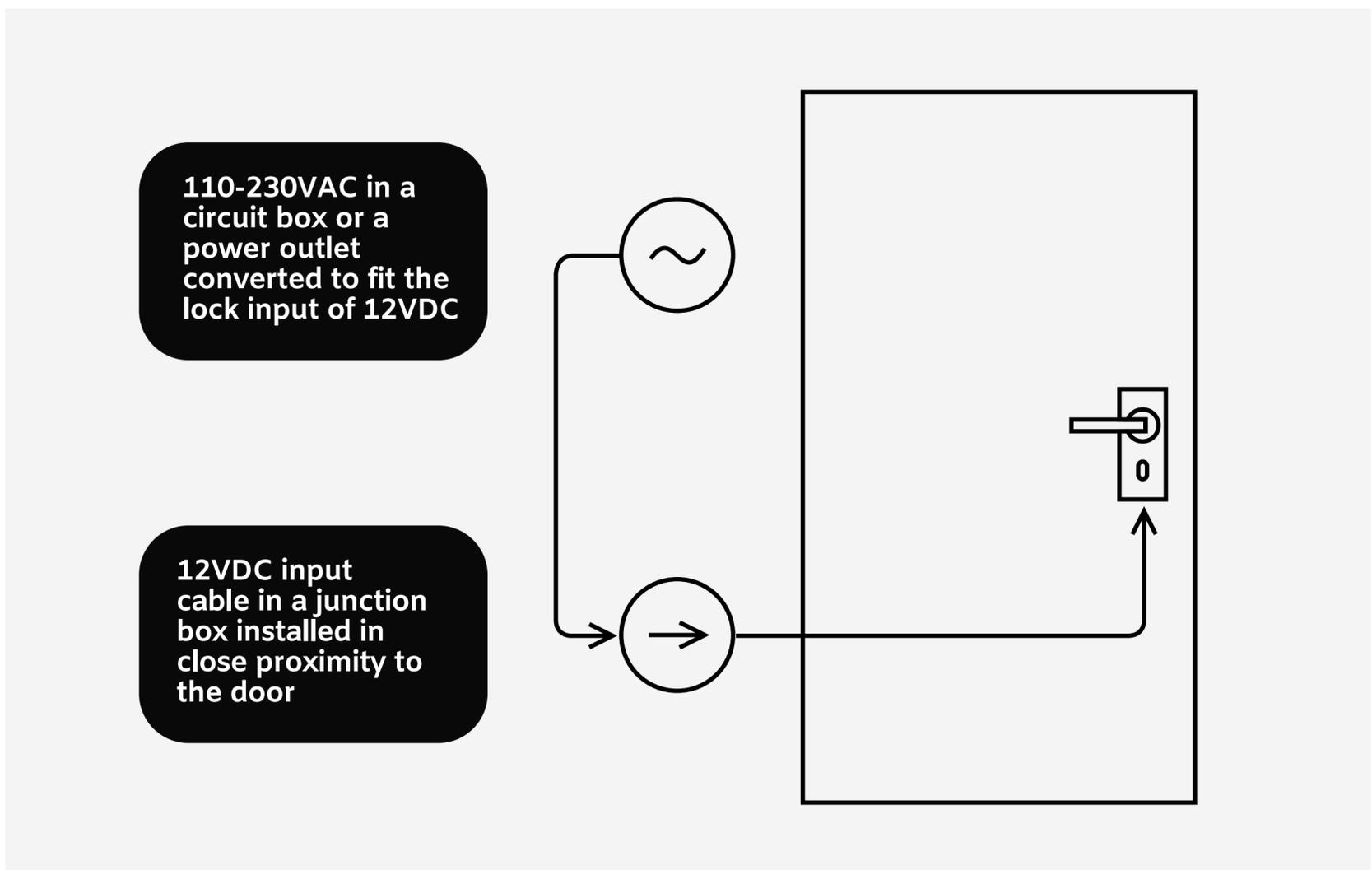
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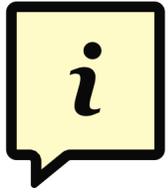
Wiegand card reader/PIN pad (optional)



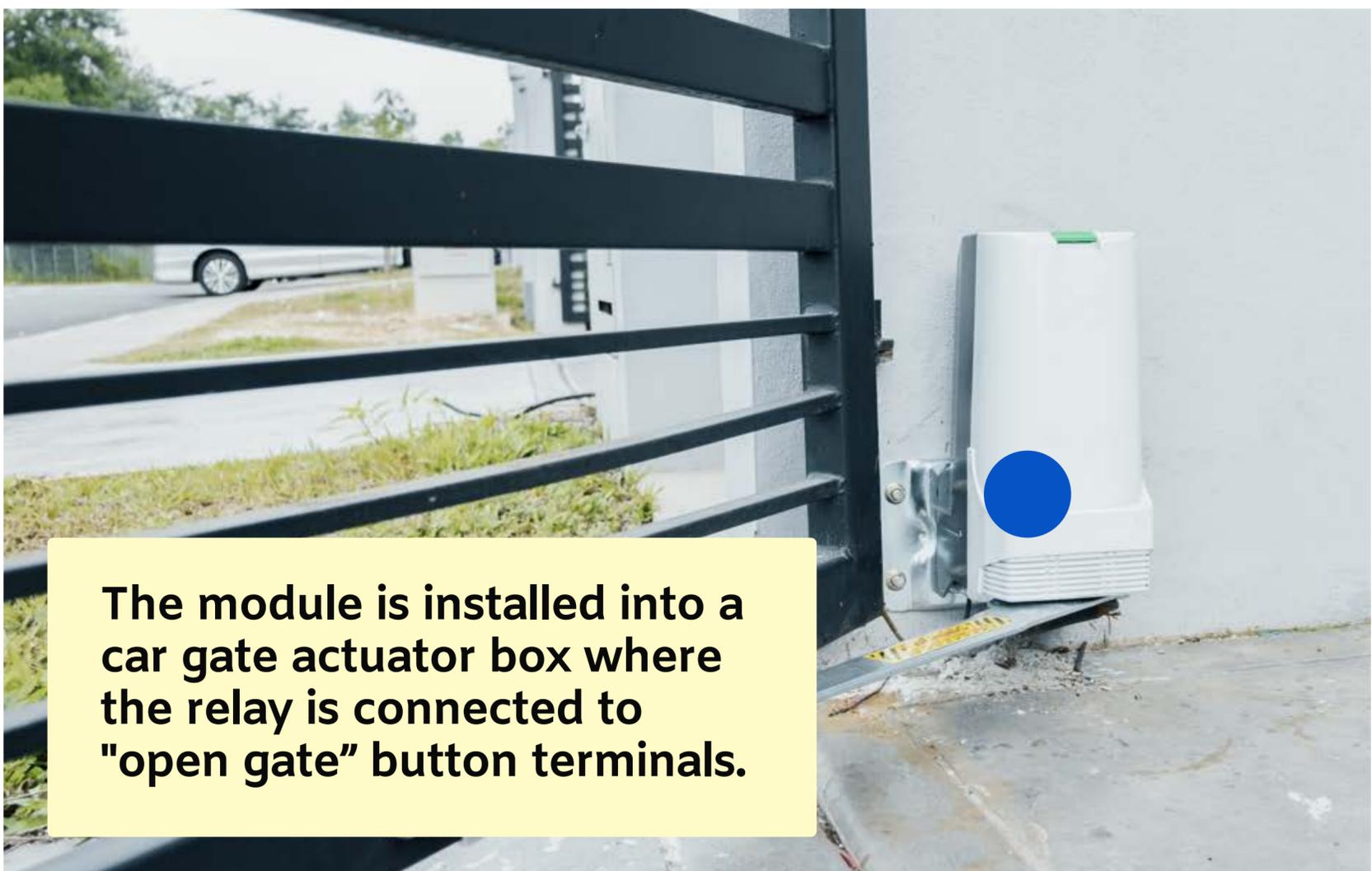


Install Standard 2 module





Install Standard 2 module



4

Activate the module

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



BLE Locking



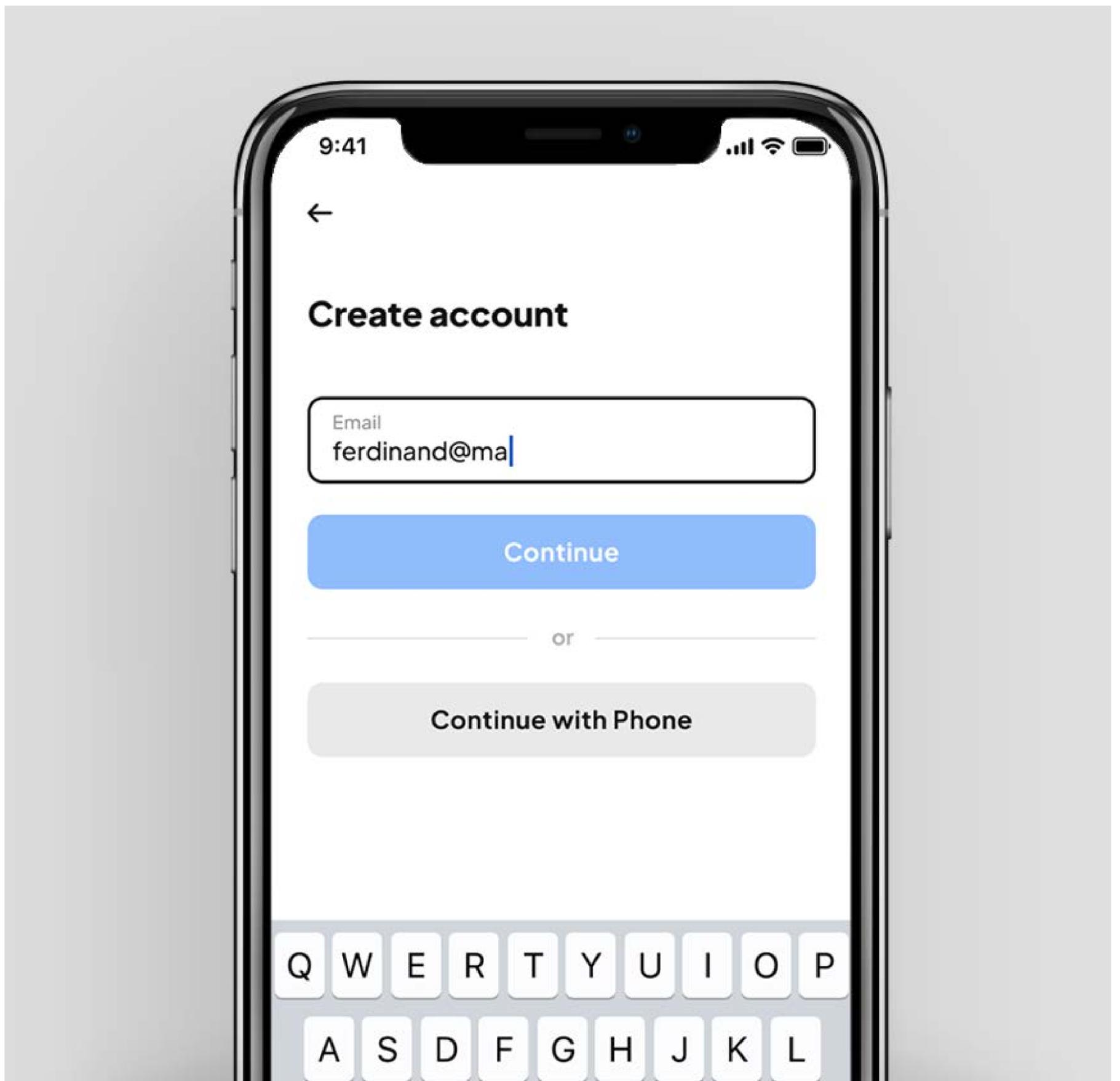
App Store



Google Play

Activate the Cylinder

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



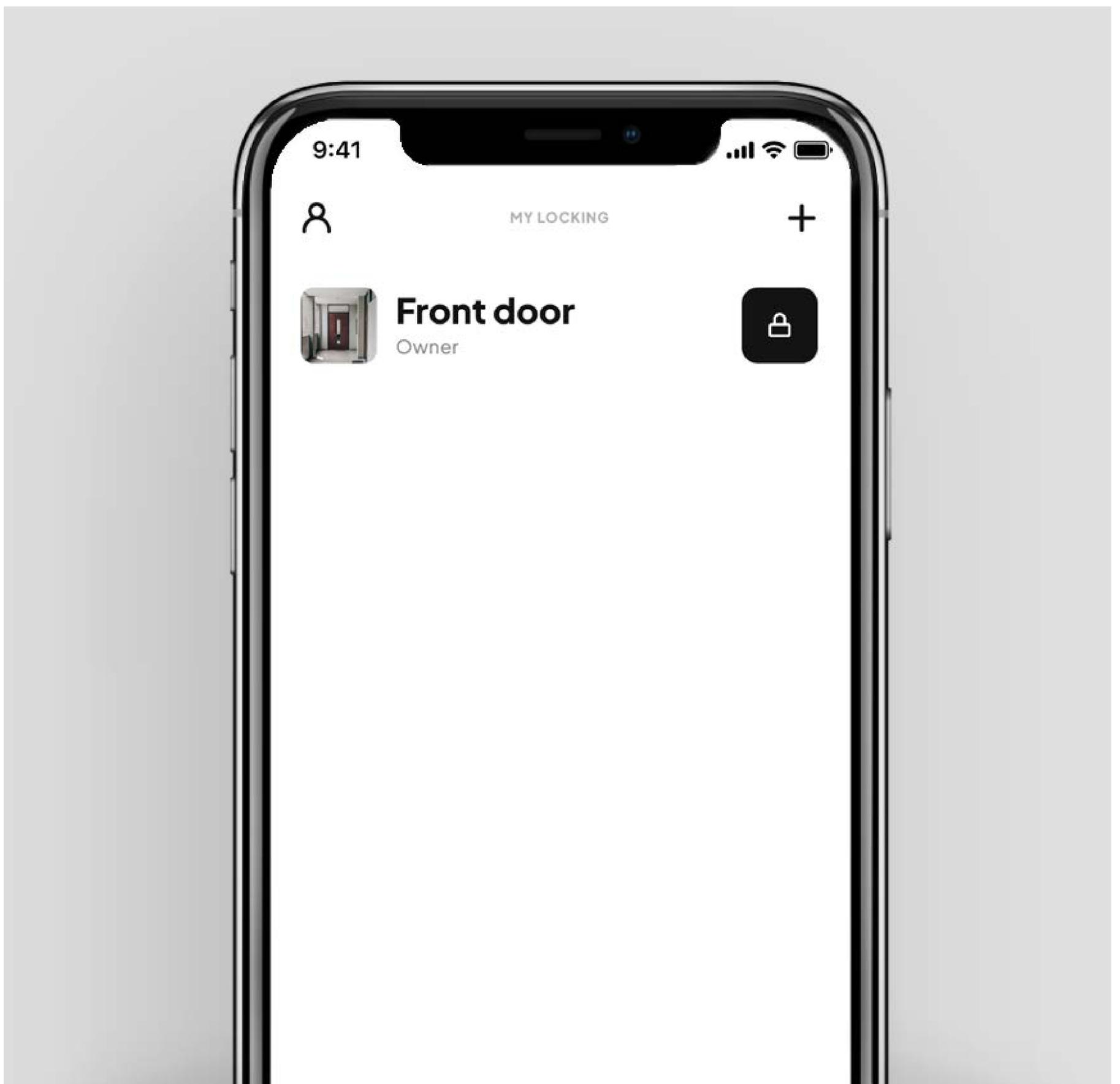
Activate the Cylinder

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



Activate the Cylinder

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



Good to know

Operation

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

Range

To operate the lock, 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.

Purchasing digital keys

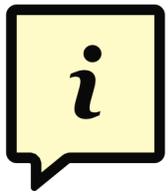
Your module might come with a set of keys included in the module price. Additional keys may be acquired from your reseller or via the BLE Locking app.

Power failure

After power failure, the BLE Locking Standard 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. 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)	1x 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 WiFi/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 mm ²
IP rating	IP41
Electrical consumption	Normal operation 50 mA Maximum 200 mA
Working temp.	-40°C up to 75°C
Weight	40g



we put our  in locking

Customer support
support@blelocking.com

Sales
sales@blelocking.com

More information
blelocking.com

