

BLE Locking Standard 2 module

All keys safely in one place – your mobile phone. The BLE Locking Standard 2 module enables digital management for key-operated door locks. All your digital keys can be used safely and conveniently with the BLE Locking mobile app and access rights can be shared with anyone you want. Digital keys can be used with and without internet access, depending on the type of key. In addition, the module allows you to connect one Wiegand based card reader with a PIN pad. The product works with electric locks, garage doors and gates.

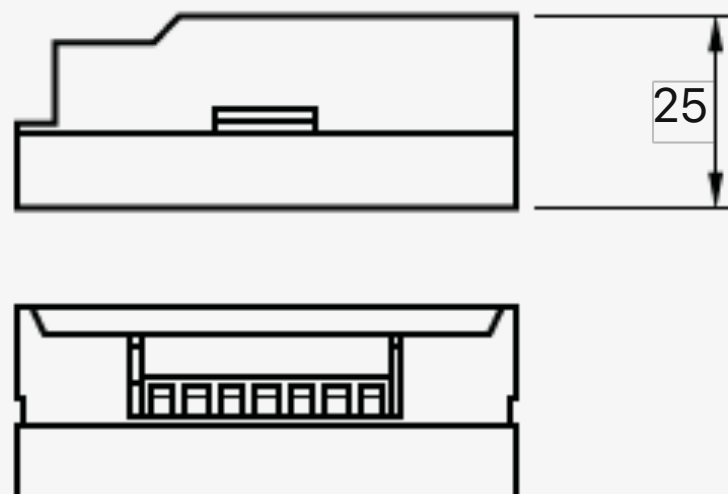
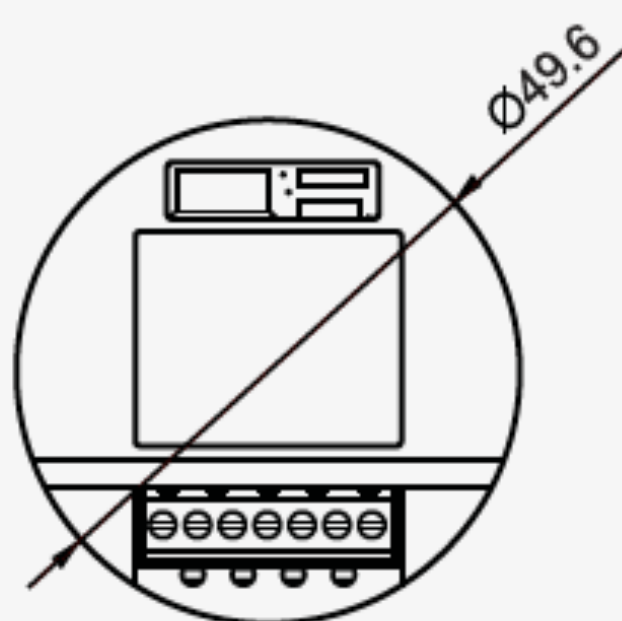


Features

- Physical keys made digital. The door to your home, office or garage, along with a gate or any other accessway with an electric lock, can be made digital. Instead of a physical key, you will use a digital one, stored safely in your phone, in the BLE Locking app.
- A manufacturer-independent solution. The BLE Locking module can be installed for any manufacturer's electric lock, garage door or gate system. You will also retain the ability to use physical keys or existing garage remote controls and access microchips. Installation of the module is easy. If necessary, contact a company specializing in door locks for advice.
- The digital key works without an Internet connection. The BLE Locking module works with BLE (Bluetooth Low Energy) standard and does not require an Internet connection to open the lock as long as the user is logged in to the BLE Locking app.
- Remote opening option. By connecting the Standard 2 module to Wi-Fi, you get the opportunity to open your doors even when your lock is not nearby - you can open it while enjoying a trip abroad.
- Give access by sending a web link to a mobile number. The lock owner can share the digital key to a user as a web link, which makes it especially convenient for the user, because the mobile app does not need to be installed.
- Possible to use a PIN-code or an RFID card. The BLE Locking Standard 2 module can be connected to one Wiegand type card reader with a PIN pad. That way, in addition to a digital key, your lock can be opened with a PIN code or an RFID card.

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 mm ²
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:

$\phi = 49.6\text{mm}$, $h = 25.0\text{mm}$

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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