NEARKEY

NK_V5

1. Product definition

Nearkey is an **access control device** for electric drives using the smartphone. It substitutes keys and physical remotes for virtual ones. The system allows the **management of users and groups** in the cloud, ensuring **maximum security** in the facilities.

2. Box content

- Nearkey device
- 5-way cable
- Quick start guide

3. Technical specification and electrical characteristics

- **Supply voltage:** 8-30V DC, 6-24V AC
- **Operating temperature range:** -40°C - +85°C
- **Max. current consumption (external supply):** 120mA@12V
- **Number of open detection inputs:** 1
- **Output type:** unfused relay contact (NO and NC)
- **Max. load current on output(s):** 2 A
- **Max. switched voltage:** 30 V AC-DC
- **Input voltage short circuit protection:** fuse (1A)
- **Size:** 72,5 x 32 x 13,5 mm
- **Wireless communication protocol:** Bluetooth 4.0 LE
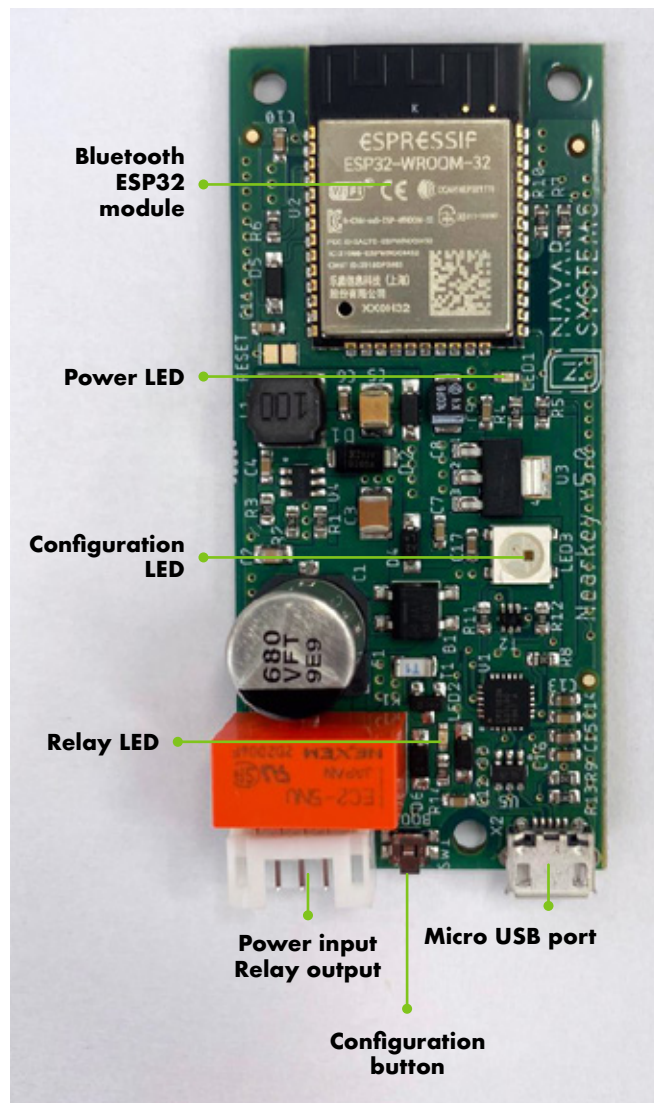- **RF carrier frequency:** 2.4GHz
- **RF TX power:** 0 dBm

4. Features

- Maximum security access
- An opening system without using physical keys or remotes
- Works without an internet connection
- Unique and non-transferable keys
- Users' management in the cloud
- Date and hour restrictions
- App available for iOS and Android
- Multiplatform device

5. Applications

- Elevators
- Garages
- Electric doors and gates

6. Main view

Bluetooth ESP32 module
Power LED
Configuration LED
Relay LED
Power input Relay output
Micro USB port
Configuration button

*The device is covered by a hot shrink