danalock

Universal Module V3

Specifications

Operating voltage range	12-24V DC
Max input (at 24V)	100mA
Number of relays	2
Type of relays	Potential-free contacts(NO/NC)
Power output	+4dBm
Max relay voltage	48V
Wireless communication	Bluetooth® 4.2 Low Energy
Bluetooth® range	5 - 10 meters

Wiring

Set up your Universal module according to this schematic. Use relay 1 before relay 2 if possible.

- Ground
- Power output 12-24v DC 1amp
- Relay 2: Normally open
- Relay 2: Common
- Relay 2: Normally closed
- Relay 1: Normally open
- Relay 1: Common
- Relay 1: Normally closed
- Power input: 12-24v DC 1amp
- Ground
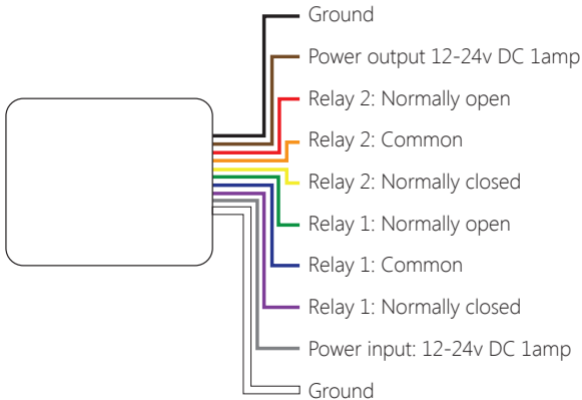
Click commands

You can configure the Universal Module via the button found in the small hole on the module. When you get to the setting you want, wait for 5 seconds and the Universal Module will react. If you make a wrong number of clicks, just stop at an unmarked number of clicks and wait for 5 seconds. The LED will flash red.

Clicks	Color	Activity
1	Green	Inclusion mode
This command is for setting up the Universal Module with a smart home gateway such as Z-Wave or ZigBee (not HomeKit). The Universal Module will respond by blinking green. Now the module is in ex/inclusion mode and you have 30 seconds to pair or unpair it with a gateway.		
10	Red	Reset the Danalock
Deletes all settings and all keys on the Universal Module. The Universal Module will respond by blinking red.		

LED signals
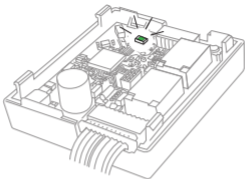
LED mode	LED color	Status indication
3 sec constant white		Power on
Constant purple		Firmware update activated
Blinking blue light		Settings changed
5 sec blinking white light		Identify
5 sec constant red		Factory reset
5 sec constant green followed by green blinks		Inclusion mode activated

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