



*1 Touch to Make Your Life Smarter*  
**Wireless Multifunctional Control Box**



**R831 Series**



## R831 Series

**What can the R831 series connect to?**



**R831B Weak current motor control box**

**R831C Relay dry contact control box  
(add external buttons)**

**R831D Relay dry contact control box  
(dry contact input)**



# R831B

## Connected to a weak current motor control box

- Tactile switches (3 relays) for garage door control.
- Send commands or push the external buttons to operate the opening, closing, and stopping of the door.



### Motor Control through Tactile Switch

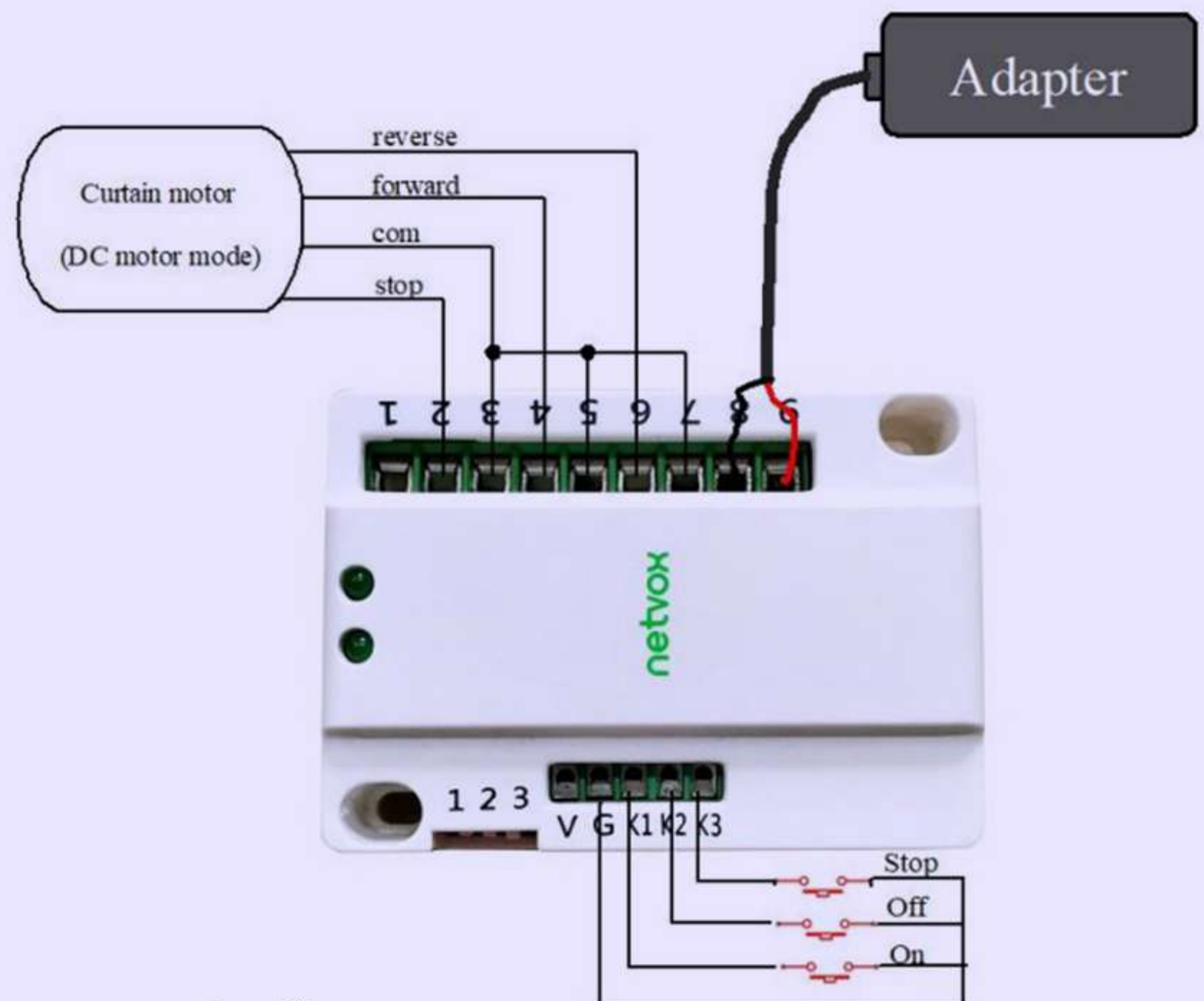
#### Relay Mode

On - Relay 1: click button;  
Relay 2: open contact;  
Relay 3: open contact

Off - Relay 1: open contact;  
Relay 2: click button;  
Relay 3: open contact

Stop - Relay 1: open contact;  
Relay 2: open contact;  
Relay 3: click button

Toggle - Send commands to reverse on and off



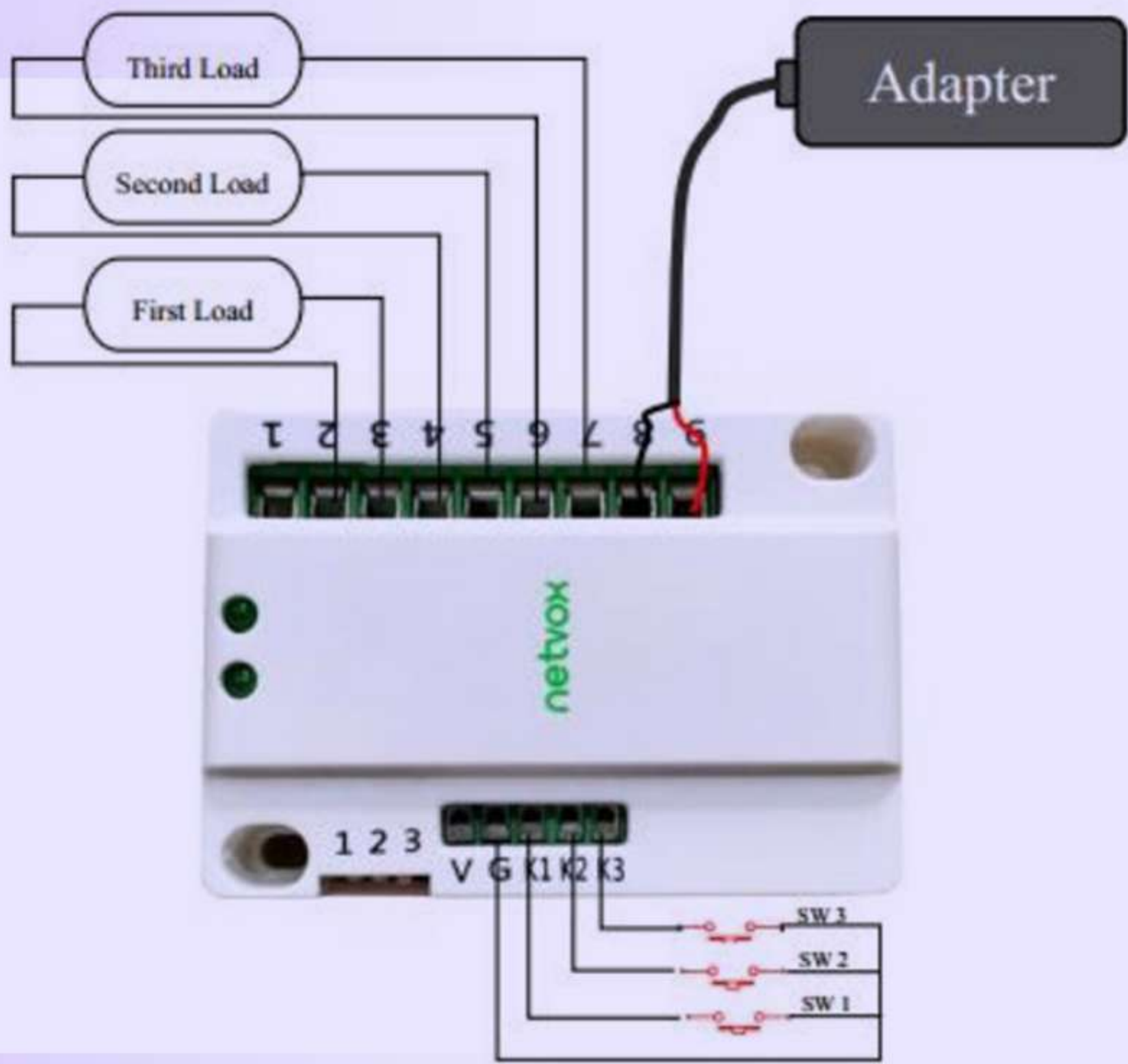
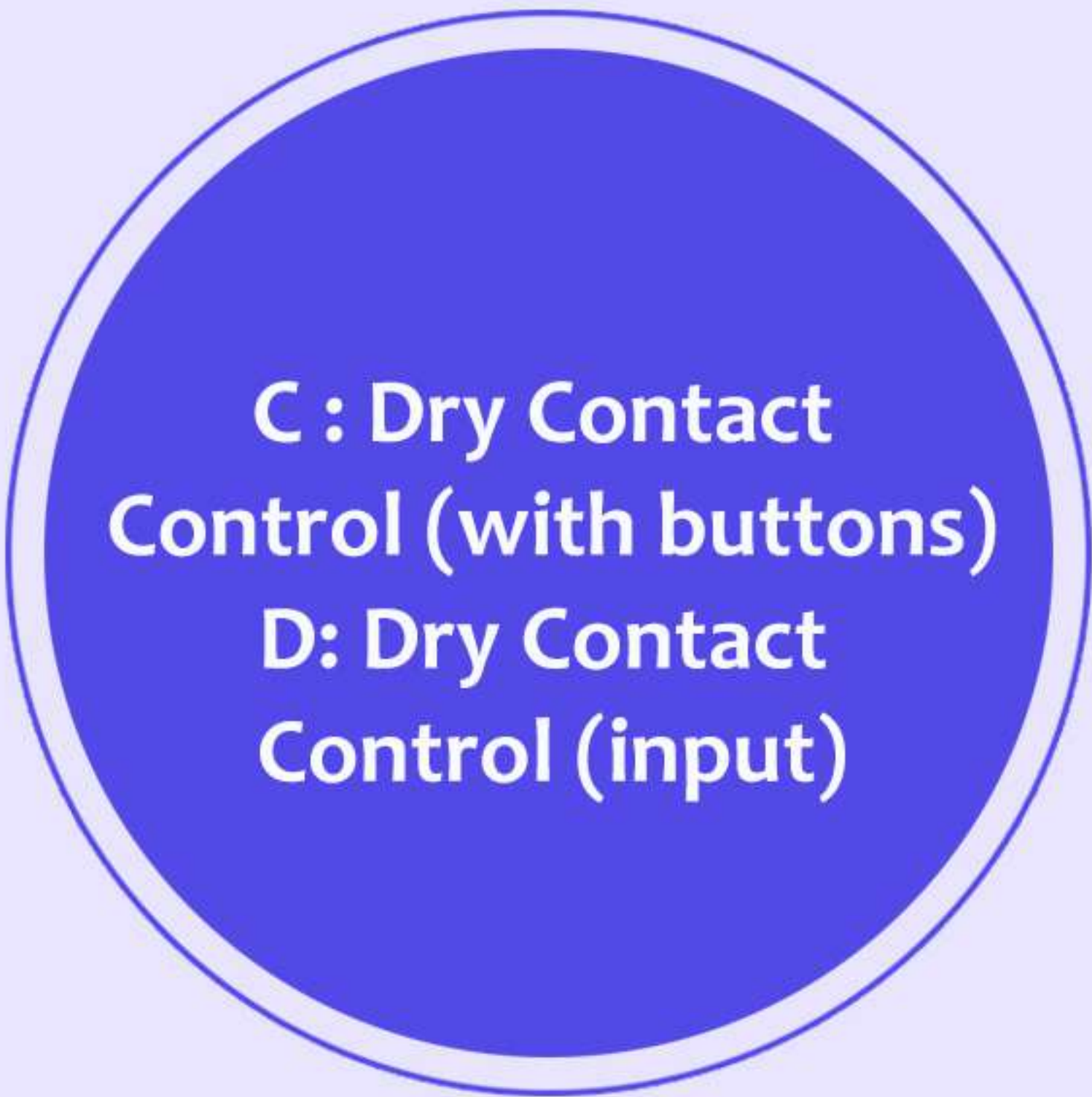
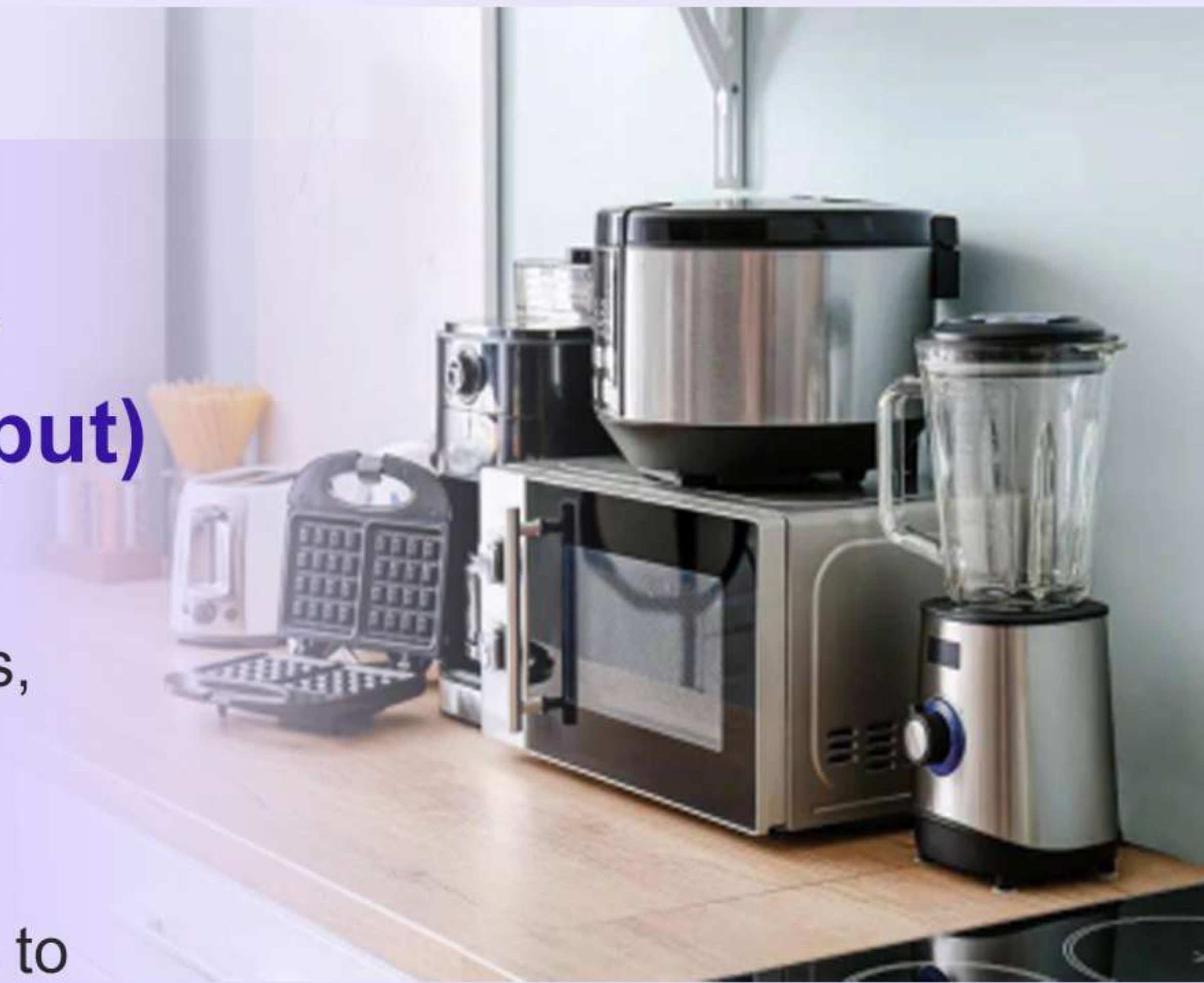


# R831C

## Connected to a relay dry contact control box (output)

### Smart Home

- 3 relays for household appliances, such as lights, fans, or AC (1 relay to 1 specific device).
- Push buttons or send commands to remotely control the on and off of household appliances.

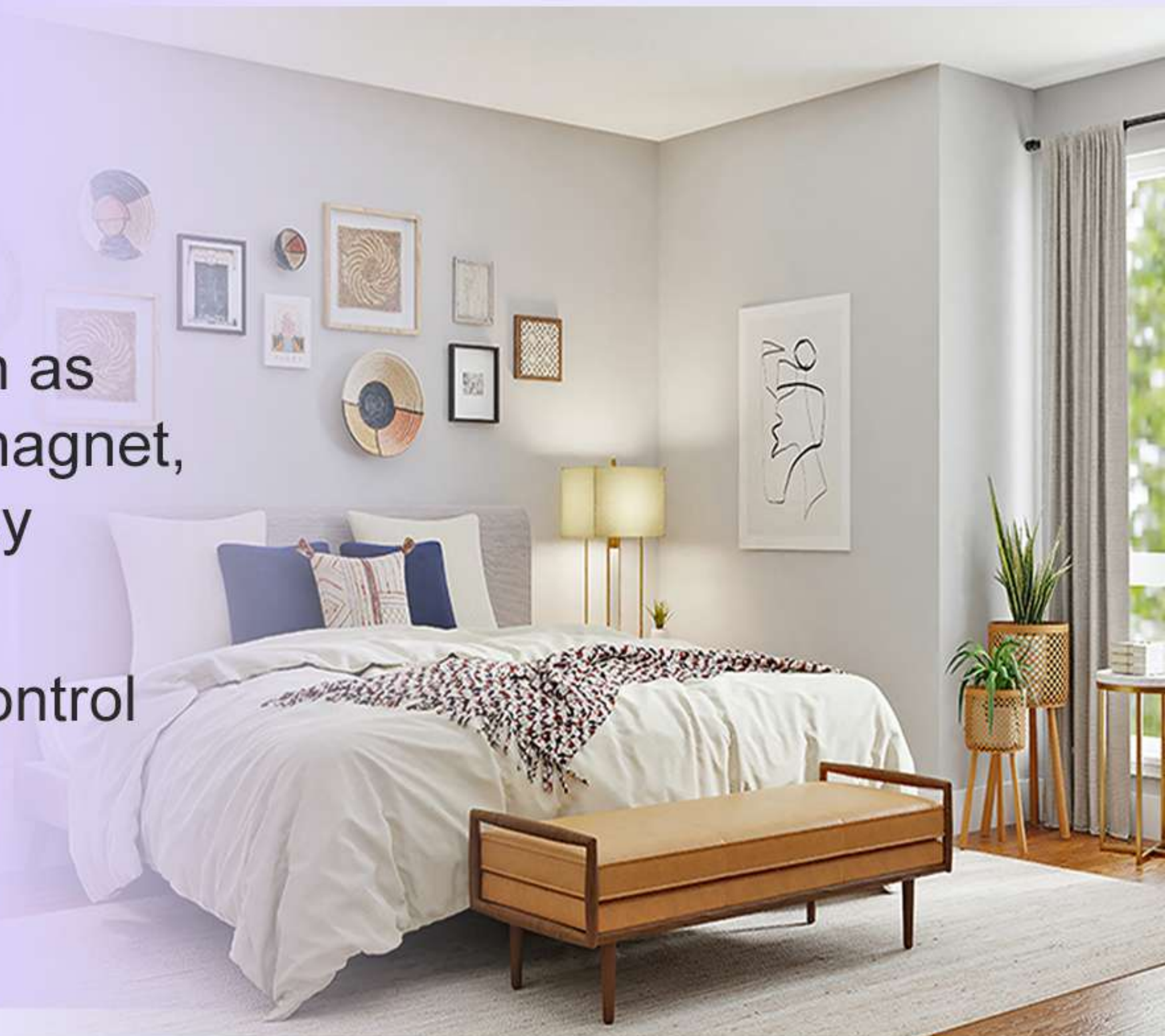


# R831D

## Connected to a relay dry contact control box (input / output)

### Smart Hotel

- 3 dry contact inputs for 3 electric appliances.
- Connected to other devices, such as switch panel, SOS button, door magnet, infrared detection, and electric key card switch.
- Send commands and remotely control the on and off of multiple electric appliances at the same time for different scenarios.





# R831 Hardware

Power Supply	DC12V
Relay	DC30V/5A (magnetic latching relay)
Input	Dry contact (grounded)
Dimensions	66mm x 47mm x 20.3 mm

Input Signal	Tactile switch	Dry contact	Dry contact
Applications	Electric motor	3 buttons + 3 electric appliances	3 dry contact +3 electric appliances
Status	On/Off/Stop/ Toggle	On/Off/Toggle	On/Off/Toggle
Relay Mode	<p><b>On</b> Relay 1: press button; Relay 2: open contact; Relay 3: open contact</p> <p><b>Off</b> Relay 1: open contact; Relay 2: press button; Relay 3: open contact</p> <p><b>Stop</b> Relay 1: open contact; Relay 2: open contact; Relay 3: press button</p> <p><b>Toggle</b> send commands to reverse on and off</p>	<p><b>On/Off</b> Controlled through relays</p> <p><b>Toggle</b> Controlled through commands</p>	<p><b>On/Off</b> Controlled through relays</p> <p><b>Toggle</b> Controlled through commands</p>