

NFC Push Button Keypad

Datasheet
LC-PBNFC8

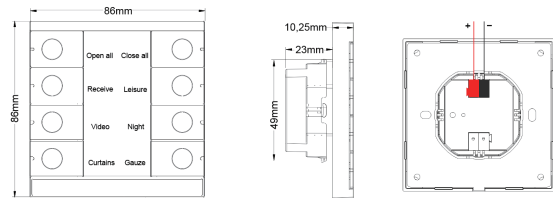
Function

- (1) Supports NFC and ETS to configure button label content;
- (2) Switch function, which can be used to turn on/off lighting, with long press, short press and inversion functions;
- (3) Dimming function, which controls dimming devices, with relative dimming and absolute dimming functions;
- (4) Curtain control function, which can control open & close curtains, the raising and lowering of projection screens, etc.;
- (5) Value sending, which can send 1bit/1byte values;
- (6) Scene control function, which can perform 8bit scene control and call the set scene number;
- (7) Shift register, sends values in the form of shift register;
- (8) RGB & RGBW control, which can be controlled by long press or short press;
- (9) Multiple operation function, which can send different values at the same time and call different types of functions in one operation;
- (10) Delayed value sending, which sends a value or does not send it during operation, and sends another value after a delay;
- (11) Logic output function, which supports OR, AND, XOR, NOR and NAND Logic outputs;;
- (12) Scene module conversion function, supporting scene group forwarding of up to 8 channels, each group supports up to 8 configurable outputs;
- (13) LED indication function, with optional selection of multiple display states, such as: normally open, normally closed, flashing, etc.
- (14) With device backlight master-slave function, it can be used as a host device or slave device according to needs;
- (15) The status and backlight LEDs have brightness wake-up and delayed extinguishing functions, and the wake-up conditions include button press, radar sensing, object triggering, etc.

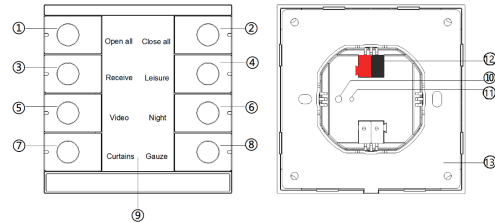
Parameter

Bus Voltage	21-30V DC, from KNX Power
Bus Current	<12mA
Bus Working Rate	<360mW
Working Temp	-5°C...+45°C
Storage Temp	-5°C...+45°C
Transport Temp	-5°C...+45°C
Relative Humidity	Max 90%
Shell	Metal + PC
Dimension	86x86x33.5 mm
Weight	about 0.15KG
Installation	80/86 Junction Box

Dimension/ Wiring



Operation

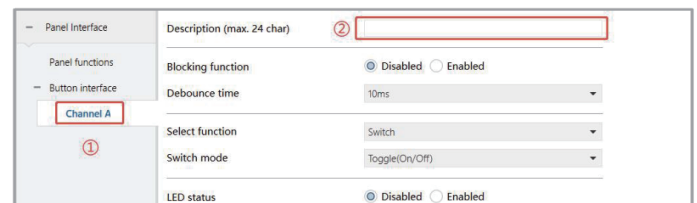


1. Channel A;
2. Channel B;
3. Channel C;
4. Channel D;
5. Channel E;
6. Channel F;
7. Channel G;
8. Channel H. Each button has a feedback LED, and the lighting color is configurable on the ETS.
- (Press and hold any two buttons simultaneously for more than 5 seconds to enter or exit programming mode).
9. Display area, showing button labels.
10. Programming button. Pressing the button for the first time enters programming mode. Pressing the button again cancels programming mode.
11. Programming indicator. The indicator lights red to indicate programming. The indicator automatically turns off when programming is in progress or when programming is complete.
12. KNX bus terminal block.
13. Mounting bracket for standard 80/86 Installation of the base box.

Label Prpgrame

Method #1: ETS

Configure channel label content in the database.



1. Select the desired channel, Channel X (X = A-H). Here, Channel A is used as an example.
2. Enter the label content in the "Description" parameter. The maximum number of Chinese characters is 6, and the maximum number of English characters is 21.
3. Download the ETS database to the panel.

Method #2: Phone App
Upload label content via NFC.



1. Select a button template.
2. Configure the template parameters.
3. Edit the button label content.
4. Click "Flash", press the NFC device against the panel to upload the label content.

Note: The amount of label content is determined by the font size and font size and can be flexibly configured.

Instruction

1. The device is installed in a standard 80/86 base box;
2. First, use a screwdriver to install the fixing bracket in the base box;
3. Then insert the control panel into the fixing bracket and gently press the panel to secure it;
4. When you need to remove the panel from the base box, use a flat-blade screwdriver to gently pry the fixing bracket at the bottom groove of the panel, and then pick up the loosened button front cover.

Safe use and maintenance

1. Read all instructions carefully before use.
2. Create a well-ventilated environment.
3. During use, pay attention to moisture, shock, and dust.
4. It is strictly forbidden to expose to rain, other liquids, or corrosive gases.
5. If it is damp or liquid-infected, it should be dried in time.
6. If the machine fails, please contact professional maintenance personnel or our company.