

## Push Button Keypad FAQ



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## Product main function

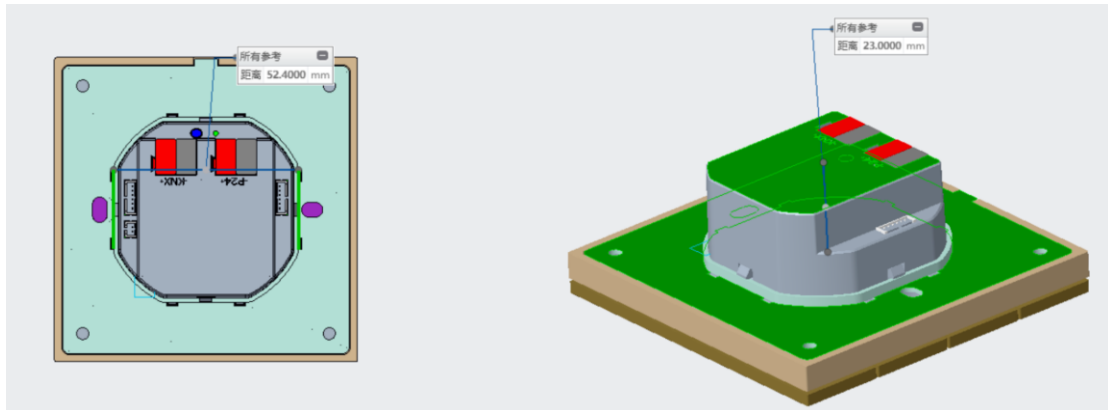
- a. It can be used to switch lighting, open and close curtains, raise and lower projection screens, etc., with long press, short press and reverse functions;
- b. It can control the dimming equipment and has functional output of relative dimming and absolute dimming;
- c. 8-bit scene control can be performed and the set scene functions can be called;
- d. With LED indication function, multiple display states can be selected, such as: normally open, normally closed, and flashing...

## Product Specification

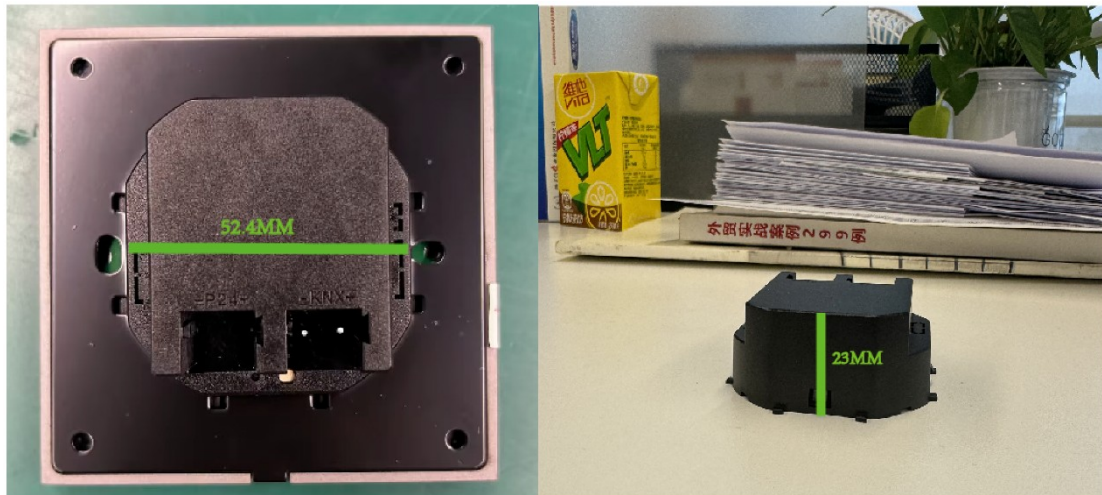
Bus voltage	21-30 VDC, power from KNX bus
Bus current	≤12mA
Bus power	≤360mW
Shell material	Metal +PC
Dimension (H x W x D)	86 X 86
Weight (approx.)	Approx. 0.2kg
Installation method	55 bottom box
Operating temperature	-5° C- 45° C
Storage temperature	- 25° C- 55° C
Transport temperature	- 25° C- 70° C
Relative humidity	max 90%

## Backseat Dimension

Width:52.4MM; Depth:23MM



For actual product measurement



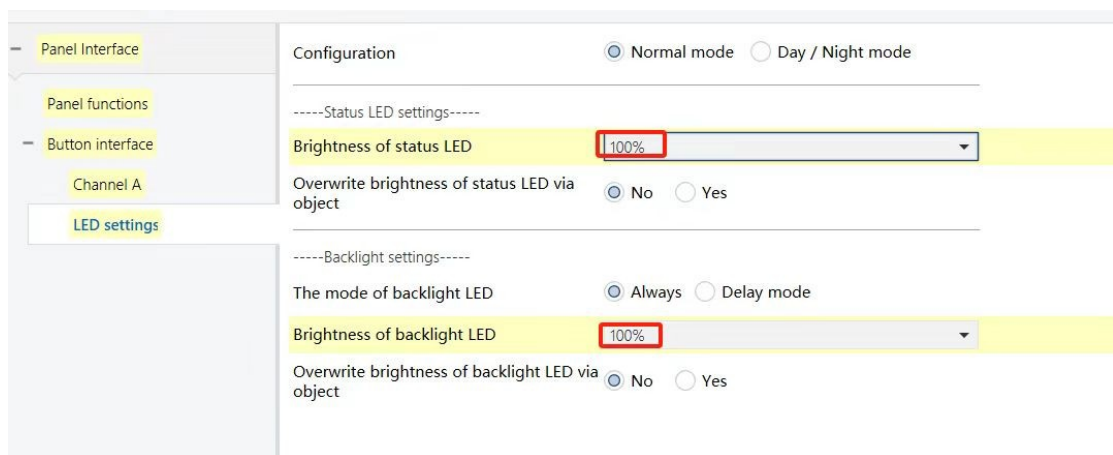
## Thickness of keypad

10.5MM

## Did it have proximity sensor

Yes. And it could detect about 5-15CM distance

## How to set the backlight brightens



The screenshot displays the configuration interface for a device, specifically the LED settings section. On the left, a sidebar menu includes 'Panel Interface', 'Panel functions', 'Button interface', 'Channel A', and 'LED settings'. The main content area is titled 'Configuration' and features two radio buttons: 'Normal mode' (selected) and 'Day / Night mode'. Below this, the 'Status LED settings' section includes a dropdown menu for 'Brightness of status LED' set to '100%', and a radio button selection for 'Overwrite brightness of status LED via object' set to 'No'. The 'Backlight settings' section includes a radio button selection for 'The mode of backlight LED' set to 'Always', and another dropdown menu for 'Brightness of backlight LED' set to '100%', with a radio button selection for 'Overwrite brightness of backlight LED via object' set to 'No'.

## How to set the backlight delay off

Normally we would set 10S delay off, once the radar did not detect people using it, will off the LED light after 10S

1.1.15 带继电器面板, 嵌入式小模块, 多功能温控面板 MK22.xx Panel Interface > Panel Interface > Button interface > LED settings

- Panel Interface
- Panel functions
- Button interface
- Channel A
- Channel B
- Channel C
- Channel D
- Channel E
- Channel F
- LED settings
- Mixed Thermostat
- Mixed Actuator

Configuration  Normal mode  Day / Night mode

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-----Status LED settings-----

Brightness of status LED

Overwrite brightness of status LED via object  No  Yes

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-----Backlight settings-----

The mode of backlight LED  Always  Delay mode

---Backlight during wake-up---

Brightness of backlight LED

Overwrite brightness of backlight LED via object  No  Yes

---The duration of the backlight after waked up---

Delay time after waking backlight

---Backlight during sleep---

Brightness of backlight LED

Overwrite brightness of backlight LED via object  No  Yes

Whether status LED is related  No  Yes

Master output for controlling other's backlight  No  Yes

Wake up backlight by button  No  Yes

Wake up backlight by sensor(radar, IR, .....)  No  Yes

Time to detect sensor circularly for output

Adjust the gear of detection distance

Selection of sensor type

Wake up backlight via object  No  Yes

Output triggering signal for waking backlight  No  Yes

## How to set the toggle feedback

- Panel Interface
- Panel functions
- Button interface
- Channel A
- Channel B
- Channel C
- Channel D
- Channel E
- Channel F
- LED settings
- Mixed Thermostat
- Mixed Actuator

Blocking function  Disabled  Enabled

Debounce time

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Select function

Switching mode

Toggle value  According to the sent value  According to the feedback value

Read status object at voltage recovery  No  Yes

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Status LED  Disabled  Enabled

---Control by external object---

external object 1 for 1bit  Disabled  Enabled

LED colour of value = '0' for 1bit

LED colour of value = '1' for 1bit

Read status object at voltage recovery (1bit object 1)  No  Yes

序号	名称	对象功能	描述	群组地址	长度	C	R	W	T	U	数据
	Channel A, switch	On / Off	switch1	1/1/1	1 bit	C	R	W	T	-	switch
	Channel A, status switch	On / Off	switch1 status	1/1/2	1 bit	C	-	W	T	U	switch
	Channel A, status led for external object 1	On / Off	switch1 status	1/1/2	1 bit	C	-	W	T	U	switch
1	Channel B, switch	On / Off			1 bit	C	R	W	T	-	switch
2	Channel B, status switch	On / Off			1 bit	C	-	W	T	U	switch
3	Channel B, status led for external object 1	On / Off			1 bit	C	-	W	T	U	switch
0	Channel C, switch	On / Off			1 bit	C	R	W	T	-	switch
	Channel C, status switch	On / Off			1 bit	C	-	W	T	U	switch
4	Channel C, status led for external object 1	On / Off			1 bit	C	-	W	T	U	switch
9	Channel D, switch	On / Off			1 bit	C	R	W	T	-	switch
0	Channel D, status switch	On / Off			1 bit	C	-	W	T	U	switch
3	Channel D, status led for external object 1	On / Off			1 bit	C	-	W	T	U	switch
8	Channel E, switch	On / Off			1 bit	C	R	W	T	-	switch
9	Channel E, status switch	On / Off			1 bit	C	-	W	T	U	switch
2	Channel E, status led for external object 1	On / Off			1 bit	C	-	W	T	U	switch
7	Channel F, switch	On / Off			1 bit	C	R	W	T	-	switch