

ALIBUS series smart switch panel  
Installation instruction manual V1.0

## Declare

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The company reserves the right to modifications to the product specifications described in this manual without notice. Before ordering, please consult the local agent for the new specifications of this product.

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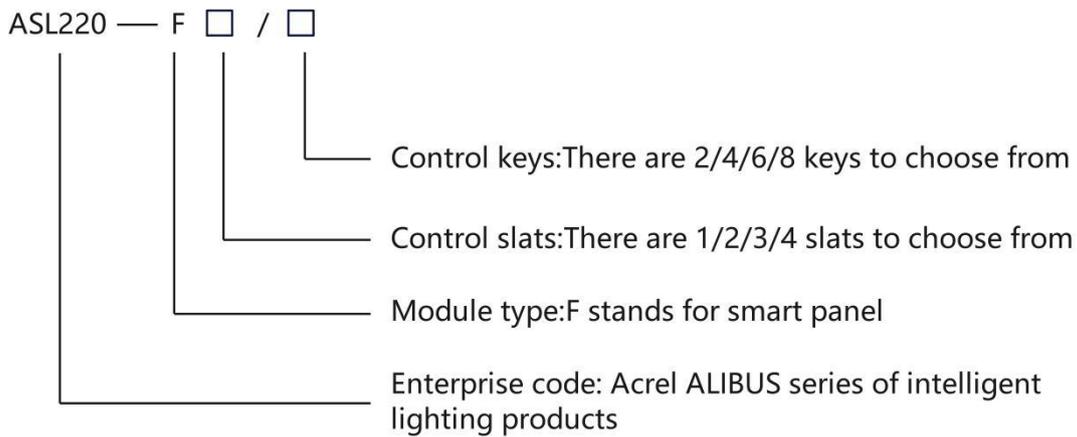
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## 1. Brief Introduction

ALIBUS series intelligent panel (hereinafter referred to as intelligent panel) is the input control module of ALIBUS intelligent lighting control system. Intelligent panel and other control modules (such as switch driver, dimming driver, sensors, etc.) can realize the intelligent control of lighting system in large public buildings.

The intelligent panel adopts the advanced microcomputer technology, and is the intelligent control module with high stability and reliability. When the intelligent panel is connected to the ALIBUS system, it will keep the user away from AC power to insure the safety of personnel.

## 2. Product model

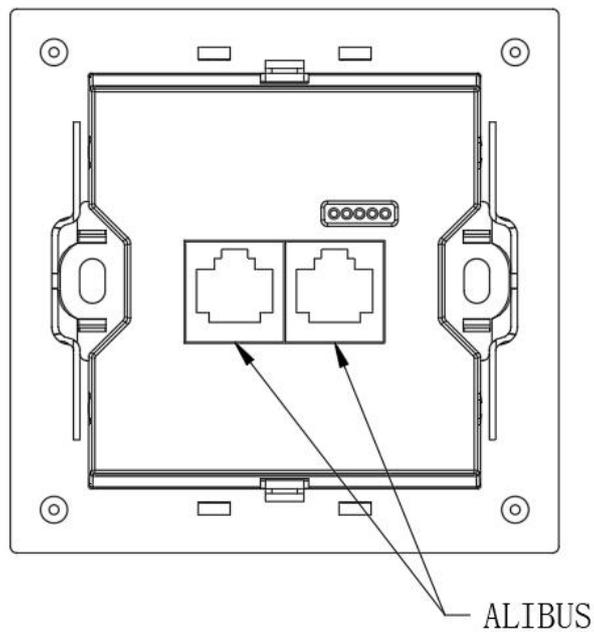
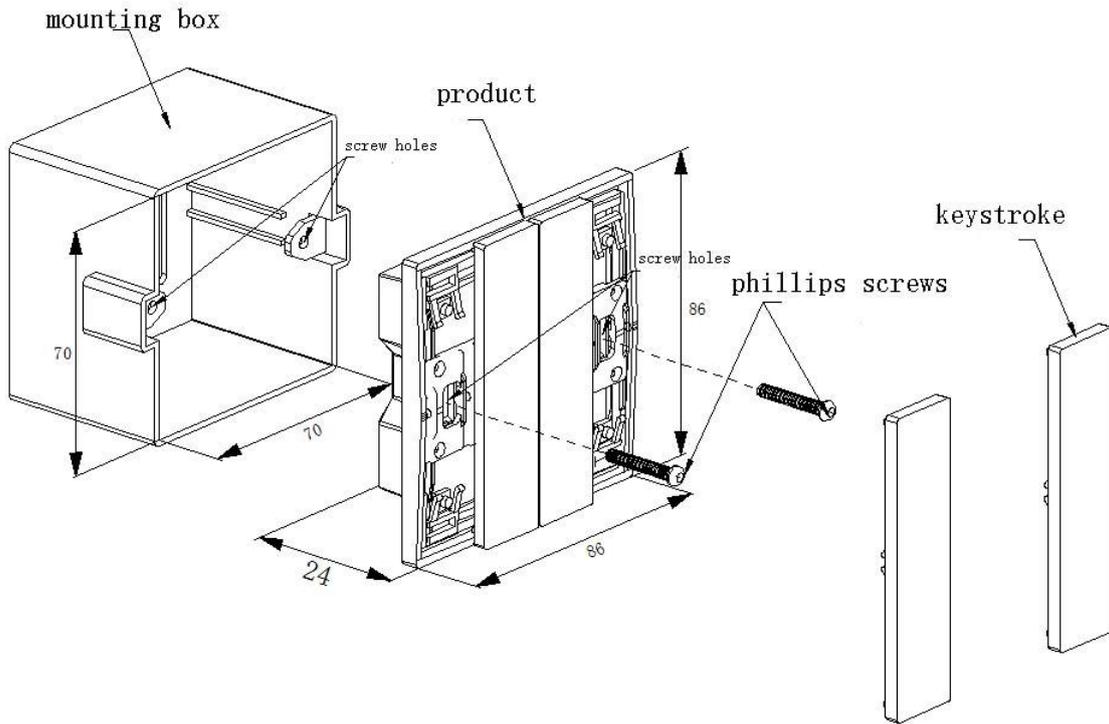


## 3. Main technical parameters

**Table 1: Technical parameters table**

Cable & Interface	Cat6e shielding network cable; RJ45	
Range of temperature	Operating temperature	-5°C ~ +45°C
	Storage temperature	-25°C ~ +55°C
Environmental requirements	Maximum humidity	95%
Input voltage	DC24V	
Shell protection grade	IP20	
Mounting	Standard 86-box installation	

## 4. Outline and installation dimensions



**Table 2: Model parameters of smart panel**

Product model	Number of keys	Module size
ASL220-F1/2	1 slat 2 keys	Standard 86 panel
ASL220-F2/4	2 slats 4 keys	Standard 86 panel
ASL220-F3/6	2 slats 4 keys	Standard 86 panel
ASL220-F4/8	2 slats 4 keys	Standard 86 panel

**Installation tips:** This product is installed with standard 86 boxes.

## 5. Application guide

This series of smart panels has four choices: 1 slat 2 keys, 2 slats 4 keys, 3 slats 6 keys and 4 slats 8 keys. ALIBUS cable is the standard Cat6e shielding network cable, and smart panels needn't additional working power supply.

All functions can be set in configuration software. Specific functions are described as follows:

- Single slat switch function

Each slat corresponds to two keys (the upper key and the lower key respectively), and on and off by default.

Realize the switching function of the same (group) loop.

- Single key switch function

After selecting this function, the upper and lower keys of each switch can be controlled independently by the switch.

A single key binds an independent control address to realize the independent switch control of a single button.

- Scene control

Each switch button corresponds to a scene number, and the corresponding scene number is in the parameter setting window.

- Dimming control

After the channel is selected as the dimming function, the dimming control address is bound, and the dimming function can be achieved by long or short press.

- Numerical sending function

After selecting as the value sending function, the value sent by each key can be set according to the actual requirements.

- Indicator light function

When the green light represents "ON" and the red light represents "OFF"; the green light shines in the marquee form is child lock mode.

- Child lock function

In the normal mode, press the first up and down button for 3S at the same time to enter the child lock mode. After that, the green indicator of the panel shines in marquee form. At this time, pressing any button cannot control the panel, and long press the first button again to exit the child lock mode.

## 6. Cautions

- Before using the product, please check whether the appearance is in good

condition, and contact with the seller in time if it is damaged.

- Connect the wiring correctly according to the instruction manual. Please check it carefully before power on.
- After connecting the product to the bus, make sure the operating indicator is normal. Handle the keys to ensure that the keys are not stuck and the programming light is normal.
- Please keep power off before installation and replacement.

**Amendment record**

Revised edition	Revision time	Revised terms
V1.0	2023/11	The new version was released

**Headquarters: Acrel Electric MFG. Co., Ltd**

Address: 253, Yalu Road, Jiading District, Shanghai

Phone: 0086-21-69158338 0086-21-69156052 0086-21-59156392  
0086-21-69156971

Fax: 0086-21-69158303

Uniform Resource Locator: [www.acrel.cn](http://www.acrel.cn)

Mailbox: [ACREL001@vip.163.com](mailto:ACREL001@vip.163.com)

Zip code: 201801

**Production base: Jiangsu Acrel Electric Appliance  
Manufacturing Co., Ltd**

Address: No. 5, Dongmeng Road, Dongmeng Industrial Park, Nanzha  
Street, Jiangyin City, Jiangsu Province

Phone: 0086-510-86179966

Fax: 0086-510-86179975

Uniform Resource Locator: [www.jsacrel.cn](http://www.jsacrel.cn)

Mailbox: [sales@email.acrel.cn](mailto:sales@email.acrel.cn)

Zip code: 214405