



PRO 02-002IP

Smart Home Curtain Control Module for:

-PRO 02-011IP "Curtain Rail" and

-PRO 02-001IP "Curtain Motor"

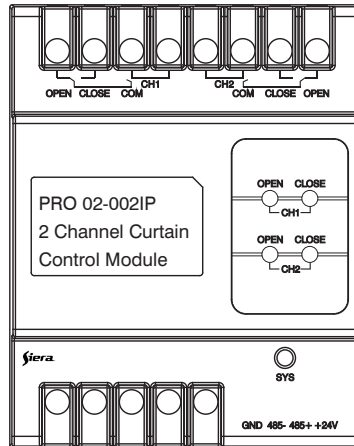
1. Product Description

PRO 02-002IP Curtain Control Module controlling is used for the curtain to open, close and pause.

2. Technology Parameters

1. BUS Power Supply: DC24V±4V
2. BUS Power Consumption: 100mA/ DC24V
3. Working Temperature: -10°C ~+50°C
4. Controllable Channel: 2
5. Load in each channel: 5A/ 220Vac
6. Installation: Standard 35mm Din Rail
7. BUS protocol: RS485

3. Product Appearance



4. Settings

(1) Address setting

Press any button on the panel of curtain control module for 3 seconds, and the system LED "SYS" with frequency in 1Hz, to indicate that enters setting mode, then you can set the address through the PC management software. If the setting is right, the "SYS" LED will flash, otherwise it will feedback error message; if no operation within 120s, it will exit the setting mode. All module addresses in the same system must be unique, and the range is 1~32.

(2) Scene setting

There are 50 scenes, the range is 0~49. Select the curtain address,

scene No., channel (1 or 2) and corresponding curtain scenes.

(3) Opening/ closing time setting

You can set the opening and closing time of the curtain by PC management software, the range is 0 to 100s. When the opening and closing time exceeded, the curtain will be stopped automatically. If the time is set as 0, it will be invalid, the curtain will not be stopped automatically.

(4) Back to factory default

Remark: before setting, please remember to enter the curtain module's address firstly.

Press any button on the panel of curtain control module for 8 seconds, then all indicators will flash 5 times, now indicates that the setting is successful.

5. Operation

There are three ways you can control the curtain module (by pressing buttons on the module, RS485 BUS and indoor monitor).

(1) Single-channel curtain control

a. Press "OPEN" button on the panel of curtain control module, the curtain will be opened, and the "OPEN" LED will light up at the same time, then press "OPEN" button again, the curtain will be paused, and the "OPEN" LED will light off at the same time;

Press "CLOSE" button on the panel of the curtain control module, the curtain will be closed, and the "CLOSE" LED will light up at the same time, then press "CLOSE" button again, the curtain will be paused, and the "CLOSE" LED will light off at the same time.

b. Control the curtain to open, close and pause through RS485 bus.

c. Also control the curtain by the indoor monitor. You can click "CLOSE", "OPEN" and "PAUSE" icon in the following interface to control the curtain.

6. System Diagram

Please see the attached picture on the back.

Operation connection diagram

