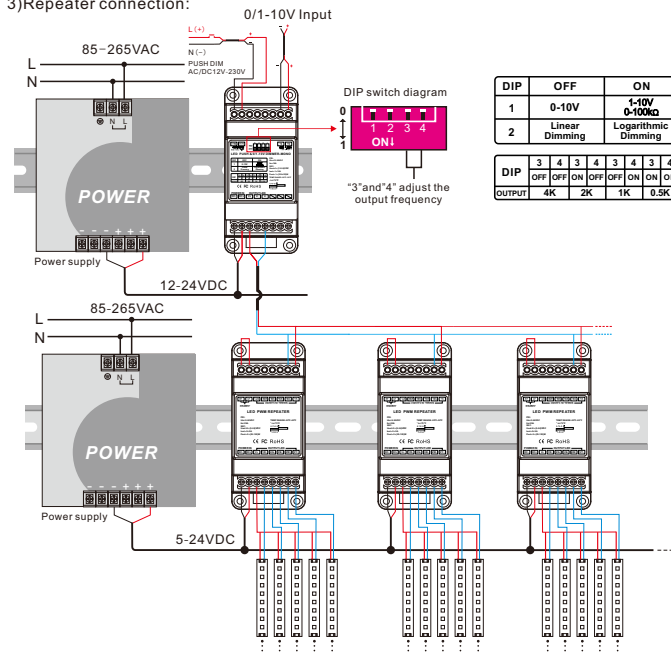


3) Repeater connection:



8. After Sales

From the day you purchase our products within 3 years, if being used properly in accordance with the instruction, and quality problems occur, we provide free repair or replacement services except the following cases:

1. Any defects caused by wrong operations.
2. Any damages caused by inappropriate power supply or abnormal voltage.
3. Any damages caused by unauthorized removal, maintenance, modifying circuit, incorrect connections and replacing chips.
4. Any damages due to transportation, breaking, flooded water after the purchase.
5. Any damages caused by earthquake, fire, flood, lightning strike etc force majeure of natural disasters.
6. Any damages caused by negligence, inappropriate storing at high temperature and humidity environment or near harmful chemicals.

0/1-10V DIN Rain Dimming Driver User's Manual



(Please read through this manual carefully before use)

1. Brief Introduction

Welcome to use this 0/1-10V dimming driver. It is to solve the compatible problem of fluorescent dimming and LED illumination, this controller can dim both fluorescent and LED lamps at the same time.

2. Specifications

Model	0/1-10V Dimming Driver
Input voltage	DC12V-DC24V
Output current	18A \times 1CH
Output Power	216W(12V) /432W(24V)
Input Signal	0/1-10V or PUSH DIM
Output Signal	Constant Voltage PWM
Output Frequency	0.5K、1K、2K、4KHz selectable
Dimension	L111 \times W46 \times H66(mm)
Weight (G.W)	106g

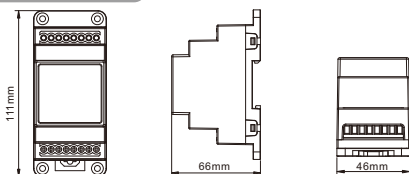
3. Basic Features

1. Automatically adapts input voltage DC12V-24V.
2. 1 output channel, Max output 18A.
3. PUSH DIM input voltage AC/DC12V-230V.
4. 0/1-10V to PWM dimming signal conversion, linear or log.
5. Support linear dimming or logarithmic dimming.
6. Support optional output frequency 0.5K, 1K, 2K, 4KHz.
7. Compatible with many brand dimming systems.
8. Multi units can be worked together or use our power repeaters to control more lamps.
9. Power loss memory function. Over current protection, short circuit protection.
10. The DIN rail style facilitates the installation of large-scale projects.

4. Safety warnings

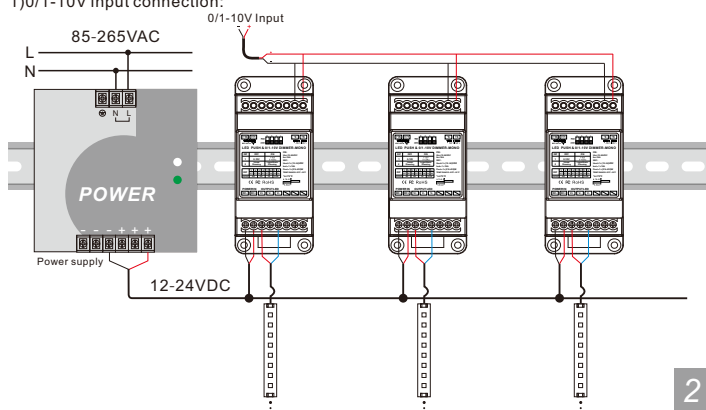
1. To ensure your safety and product properly usage, please read the user manual carefully.
2. To avoid installed the product in minefield, strong magnetic field and high voltage area.
3. To ensure the wiring is correct and firm avoiding short circuit damages to components and cause fire.
4. Please install the product in a well ventilated area to ensure appropriate temperature environment.
5. The product must be worked with DC constant voltage power supply. Please check the consistence of input power with the product, if the output voltage of the power comply with that of the product.
6. Connect the wire with the power on is forbidden. Ensure proper wiring first then check to ensure no short-circuit, then power on !
7. Don't repair it by yourself whenever an error occur. Contact the supplier for any inquiry.

5. Dimensions

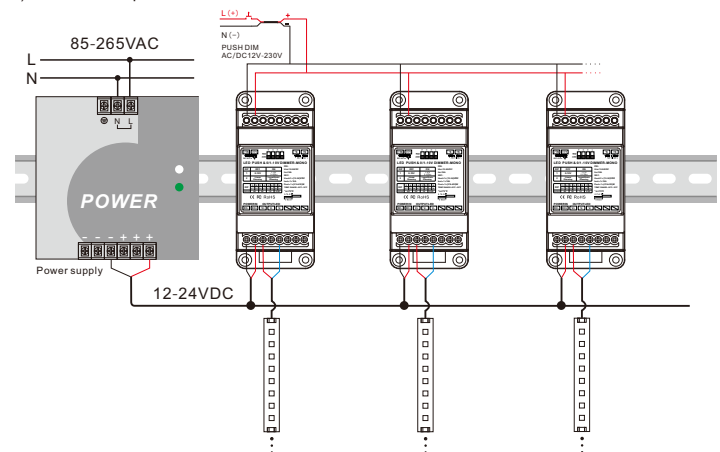


6. Conjunction Diagram

1) 0/1-10V input connection:



2) PUSH DIM input connection:



PUSH DIM Description:

- 1) Short press PUSH DIM button (less than 0.5S), to control the light ON/OFF.
 - 2) Long press PUSH DIM button (more than 0.5S), adjust the light brightness; After each adjustment, the changing goes opposite.
 - 3) When the light is OFF, long press PUSH DIM button, the light turn ON and dim.
 - 4) When long press PUSH DIM to adjust the brightness, dimming range is 1%-100%, short press it to turn OFF the light.
 - 5) Power down function available, it keeps same status when power up again.
- It can connect to our power amplifier to extend power unlimitedly.