3) Repeater connection: 0/1-10V Input 85-265VAC 0-10V POWER 9999999 85-265VAC **9** N. L POWER 0000000 00000000 80000000

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)

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 ×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×W46×H66(mm) | |
| Weight (G.W) | 106g | |
| | | |

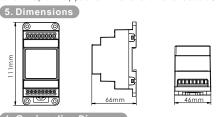
3.Basic Features

- 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.

0/1-10V DIN Rain Dimming Driver

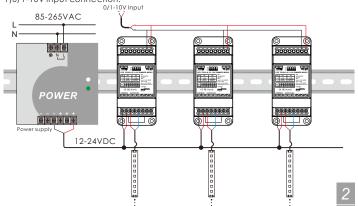
0/1-10V DIN Rain Dimming Driver

- 1. To ensure your safety and product properly usage, please read the user manual carefully.
- To avoid installed the product in minefield, strong magnetic field and high voltage area.
 To ensure the wiring is correct and firm avoiding short circuit damages to components
- 4. Please install the product in a well ventilated area to ensure appropriate temperature
- 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.

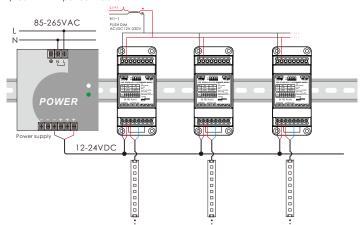


(6. Conjunction Diagram)

1)0/1-10V input connection: 85-265VAC



2) PUSHI 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 DIMbutton, 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.