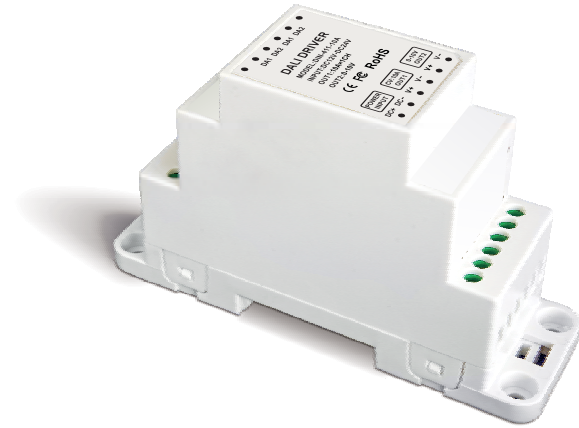


**BL-PC-DIN41110A**  
DALI DIN Rail Dimmer | Channel  
(DIN Rail, screw dual-use)



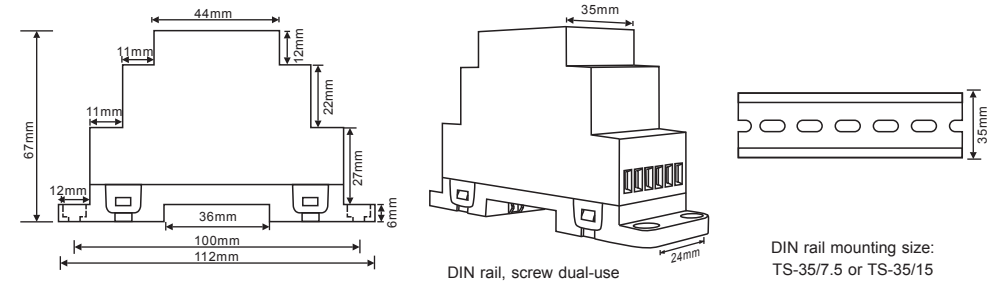
LTECH developed a new DALI to PWM dimming driver which has solved the compatible problem of the fluorescent dimming system and the LED illumination. LED lamps can be controlled by many traditional intelligent dimming systems such as Lutron, Dynalite, Tridonic, Schneider, Clipsal, Osram, Philips, ABB, etc.

CV dimming driver adopts the latest DALI standard IEC62386(compatible with the old standard IEC60929), It can load Max 10A current, 12V can load max 120W, 24V can load max 240W.

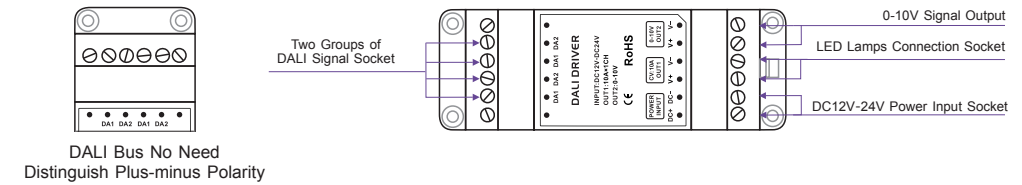
**1. Product Parameter:**

- Input Signal: DALI Dimming Signal (IEC62386/IEC60929)
- Input Voltage: DC12V~DC24V
- Output: 10A x1CH+0-10V x 1CH
- Max Output Power: 120W/240W(12V/24V)
- Dimming Range: 0-100%
- DIN Rail Mounting Size: TS-35/7.5 or TS-35/15
- Mounting: DIN Rail or Screw
- Working Temperature: -30°C ~ 55°C
- Dimensions: L112×W35×H67mm
- Package Size: L114×W37×H70mm
- Weight(G.W.): 120g

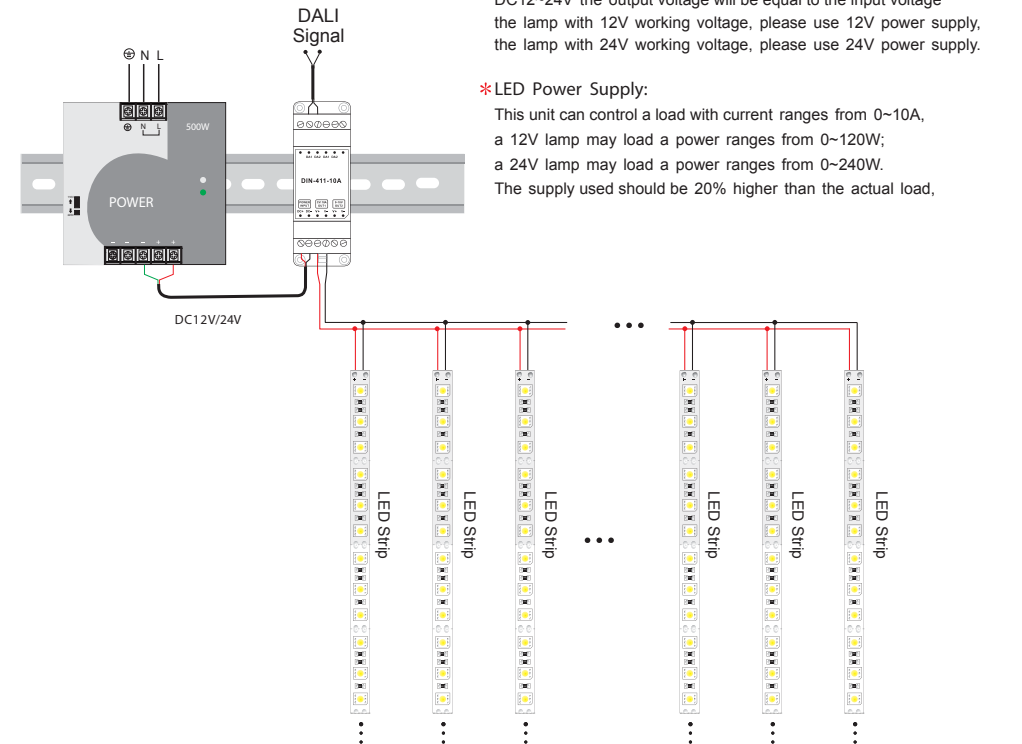
**2. Product Dimension:**



**3. Wiring Diagram:**

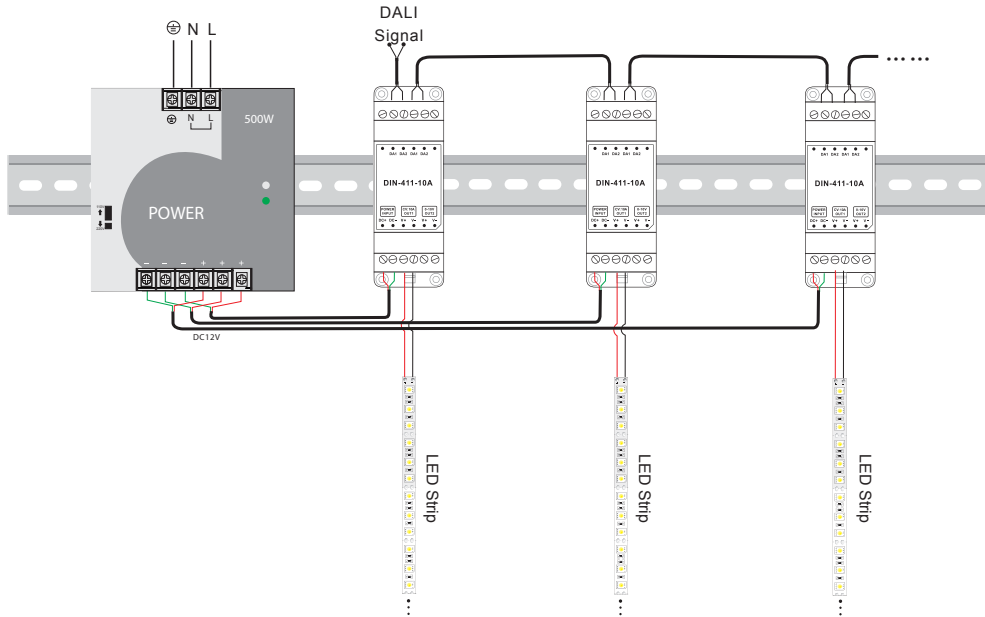


**1) Connection Diagram for Single Unit :**

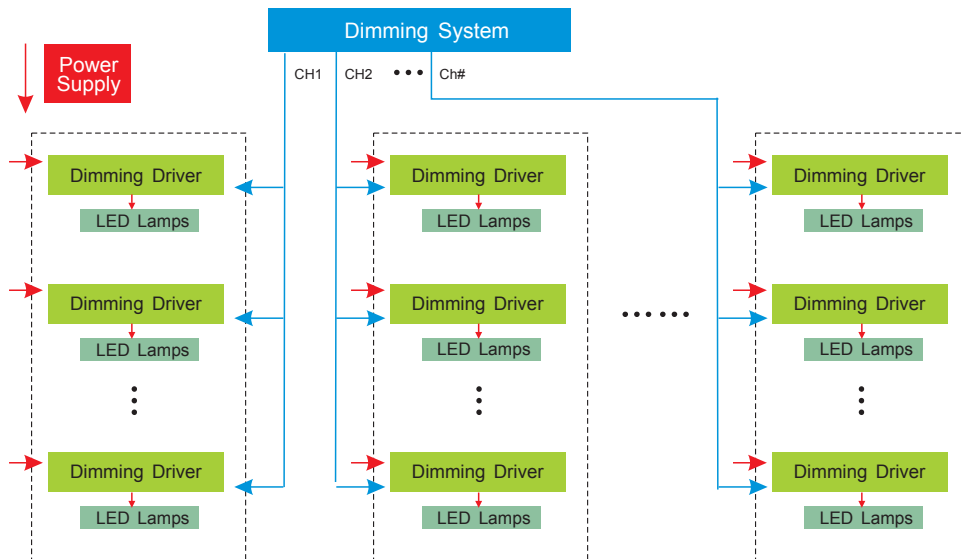


- \* LED Voltage Chosen:  
This controller can wire to the LED lamps with a voltage range from DC12~24V the output voltage will be equal to the input voltage the lamp with 12V working voltage, please use 12V power supply, the lamp with 24V working voltage, please use 24V power supply.
- \* LED Power Supply:  
This unit can control a load with current ranges from 0~10A, a 12V lamp may load a power ranges from 0~120W; a 24V lamp may load a power ranges from 0~240W. The supply used should be 20% higher than the actual load.

2) Connection Diagram for Multiple Units :



3) System Connection Diagram:



4. Attention:

- 1) The product shall be installed and serviced by a qualified electrician.
- 2) This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
- 3) Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 4) Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
- 5) Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 6) Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- 7) If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.