DMX302 DMX Triac Dimmer

Product Specifications

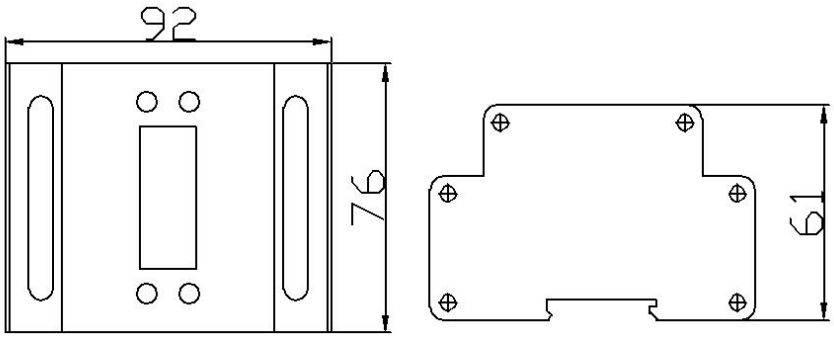
1.Summarization

DMX triac dimmer adopts industrial grade advanced computer control chip, the shell adopt guide rail type, suitable for industrial environment; Increase 3 channels relay power supply output, adopts high-voltage MOS transistor as the control circuit to achieve trailing edge dimming. It is used for controlling a variety of lamps which connects with triac power supply, and also can be connected with high-voltage LED load light; it has many advantages such as convenient to connect, easy to use and others. According to customer's actual demand can realize the dimming function.

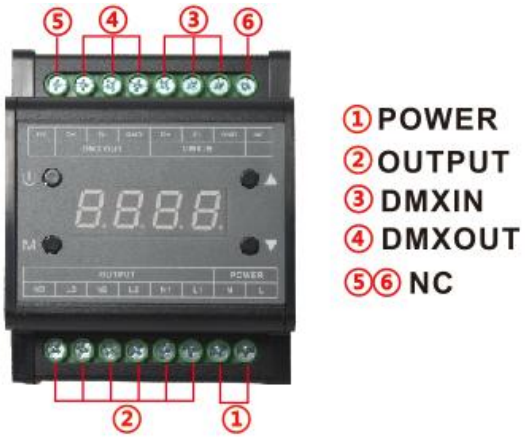
2.Technical Parameters

2.1 Working temperature: -20-60℃
2.2 Supply voltage: AC90～240V（50～60Hz）
2.3 Output:AC90～240V（50～60Hz）
2.4 Output: 3 channels
2.5 Output current: <1A （each channel）
2.6 Output power: 110V: <3×110W, 220V: <3×220W
2.7 PWM Frequency:100HZ
2.8 Input signal:DMX signal
2.9 Static power consumption: <3W
2.10 External dimension: L92×W76×H61 mm
2.11 Packaging size: L103×W90×H73 mm
2.12 Diming method: trailing edge dimming
2.13 Net weight: 265g
2.14 Gross weight: 310g

3.External Dimension



4.Interface Specifications



POWER: The AC power input interface, input voltage range is AC 90-240v.

OUTPUT: 3 road load output interface, the output voltage range: AC 90-240v, every road maximum current 1 A.

DMXIN: DMX signal input interface.

DMXOUT: DMX signal output interface.

NC: Does not need wiring

5.Direction for Use

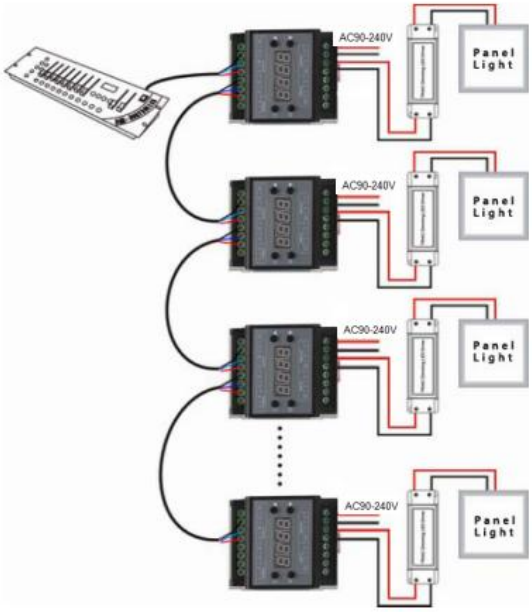
 : Closed, open the load at any state.

 : When there is no DMX signal input, press mode key can switch to any channel of the three channel load and the digital tube displays letter+number. 1., 2.,3. respectively stands for the first channel, second channel, third channel. Number stand for the dimming level. For example: 1.128 means the first channel load dimming level is 128. When there have DMX signal input, mode key can not adjust, and only shows A+number, number means the DMX address of current equipment. For example A225 means DMX address of current equipment (is also the first channel load address) is 255..

 : When there have DMX signal input, the digital tube displays current equipment address, short press this key, current address add 1, long press this key, can add to the wanted address quickly. Maximum address is 510. When there is no DMX signal input, the digital tube displays last time setting state, short press this key, brightness level or DMX address add1, long press this key, can add to the wanted brightness level or DMX address quickly.

 : When there have DMX signal input, the digital tube displays current equipment address, short press this key, current address minus 1, long press this key, can minus to the wanted address quickly. Minimum address is 1. When there is no DMX signal input, the digital tube displays last time dimming information, short press this key, brightness level or DMX address minus 1, long press this key, can minus to the wanted brightness level or DMX address quickly.

6.Typical Applications



7. Remarks

7.1 Connect the load wire at first, following by the power wire; Please ensure short circuit can not occur between connecting wire before you turn on the power;

7.2 Power supply voltage range is AC90-240V, more than voltage range maybe burn out the controller.