

# SIGNAL AMPLIFIER



## 1. Product Features

- 1) With good isolation performance, the input side and the output side completely realize the electrical isolation.
- 2) Signal one-way transmission, the output signal has no feedback to the input, which can effectively prevent the interference of the lamp circuit and lamp power ripple to the control bus, but does not cut off the signal transmission between them.
- 3) Light signal is not subject to electromagnetic interference, stable and reliable work.
- 4) Fast response speed of optocoupler and high transmission efficiency.
- 5) Bus input and output to achieve super signal protection.
- 6) Support UCS512A\B\C\D series, SM16511\2 (RGB\RGBW) series, etc. in the market.

## 2. Hardware Parameters

Input Voltage: DC12-24V

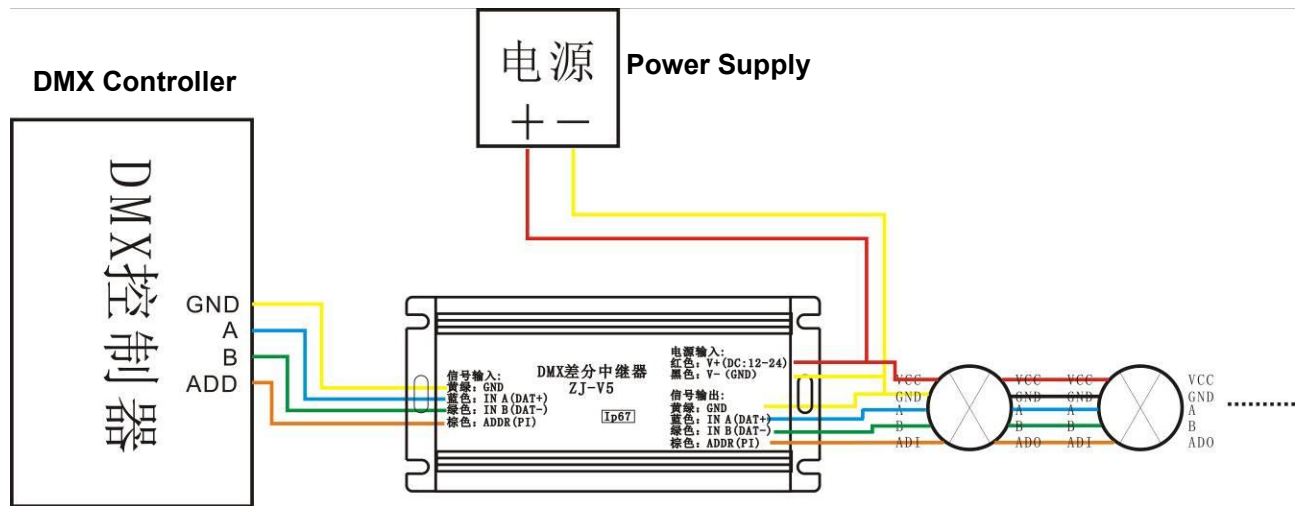
Dimensions : L125mm\*W56mm\*H35mm

Transmission Distance: Adding an "AMPLIFIER" can increase the signal transmission distance by up to 50 meters.

Signal Input: GND (ground) INA (signal input A)

Signal Output: GND (ground) OA (signal output A) CLK (signal output B) ADD (write address line)

## 3. Wiring Connection Diagram



## 1. Notes

Differential repeater will not change the differential signal of the previous level, but only amplify the differential signal and then output.