

DMX Signal Splitter

Summary

DMX102, a special digital signal distribution device use for the DMX512 digital lighting controller and plays the roles in the signal multiplication & the signal distributed output by 2 channels, and it adopts the high voltage isolation technique in various in-out interface. That is to say it doesn't only apply to be as the processing amplifier while the DMX512 signal attenuation due to the remote data transmission, but also it can be used in which the various in-out interface need to be electric isolated. Since the various interfaces are isolated by each other, which is easy to avoid the control system damage caused by the control wiring, digital dimmer..etc and make the control system work well. Andalso it made sure the DMX signal is in regular transmission so that the reliability of the whole control system was raised.



Technical Parameters

Signal Mode: DMX512 and the various signal transmitted by RS-485 interface 1 Channel for signal input and 1 Channel for signal output (Between the signal input and through connect signal is not electric isolated) 2 Channels signal distributed output without electric isolation.

Interface mode: RS-485

Signal input socket: Input XLR-3-M; Output XLR-3-F, RJ45

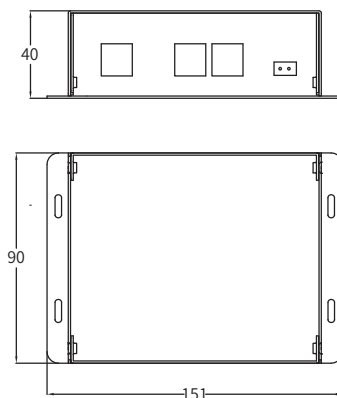
In-out and out-in pressure-proof: > 1000V

Power Supply: 12V-24VAC/DC (No distinction is made between positive and negative inputs)

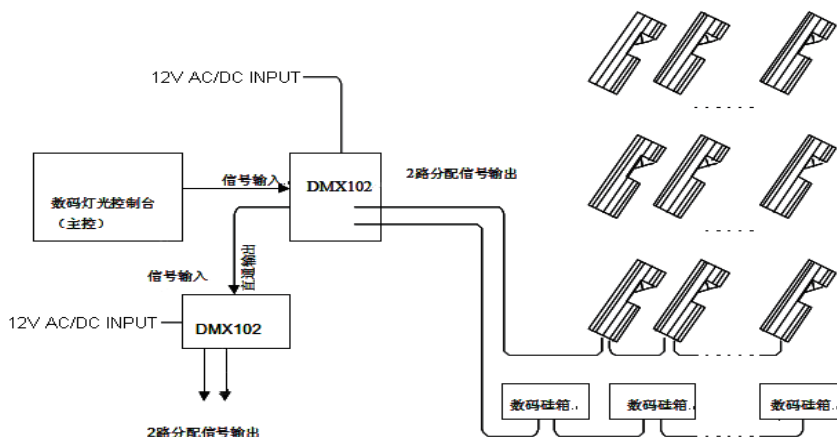
Size: 151 * 90 * 40mm

G.W: 693g

Dimension



Connection



Using instruction:

- 1) Click on the map as shown in wiring, DMX102 output signal for the isolated places.
please note that the output can not be ground and the output signal of the ground connection.
- 2) Access to DMX102 amplifier on the product when DMX TERM channeled on. Configure the role of the signal circuit.
- 3) DMX signal transmission in the band set out to be the case please add a distance of 40M-50M. (Specifically to see to install live)

DMX 信号放大器

概述

DMX102 数码信号分配器专用于对 DMX512 数码灯光控制信号进行整形放大和2路分配输出,各输入输出接口采用高压隔离技术,适用于 DMX512 信号经远距离传输衰减后的整形放大处理,以及各分配输出接口之间、输入接口与各分配输出接口之间需要完全电气隔离的使用场合。由于各个接口之间互相独立隔离,因此可以避免因控制线路、电脑灯、硅箱等问题而烧毁精密的数码灯光控制台,确保数码灯光控制台的安全运行,同时也保证 DMX信号能正常传送至各种灯光设备,从而提高整个数码灯光控制系统的可靠性。



技术参数

数码信号类型:DMX512, 以及采用 RS-485 接口传输的各种数码信号 1 路信号输入,1 路直通信号输出(信号输入与直通信号之间不经电气隔离) 2 路经独立电气隔离的信号分配输出

接口类型:RS-485

信号连接插座:输入 XLR-3-M, 输出 XLR-3-F, RJ45

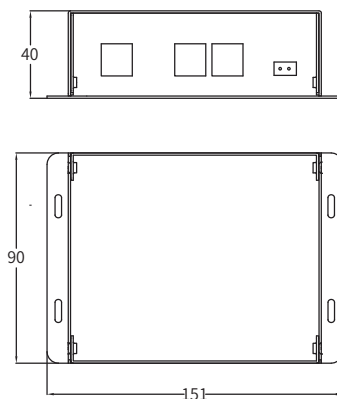
输入对输出、输出对输出的电气隔离耐压: > 1000V

供电电源:12V-24VAC/DC (不分正负极输入)

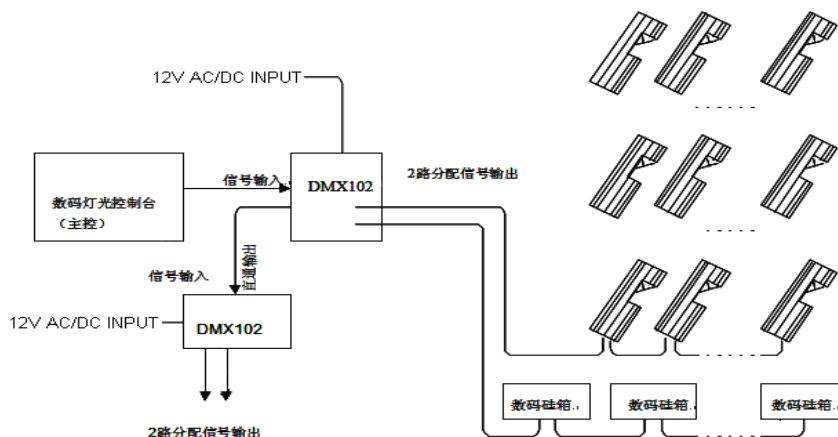
尺寸:151 * 90 * 40mm

毛重: 693g

设备尺寸



应用方案



使用说明:

- 1) 按上图所示布线, DMX102为隔离地输出信号。请注意不能将输出的地线与输出信号的地线连接。
- 2) 接入DMX102放大器时要将产品上的DMX TERM拨到ON, 配置信号回路作用。
- 3) DMX信号传输在带载的情况下请将于40M-50M距离加一个。(具体看安装实况)。