DALI6002E1

12-24V DC

Features:

- PWM output current ：MAX 8A/CH
- DALI Digital control input, Dimming control LED module
- Addressing output channel
- Support Touch DIM function, and can be dimmed manually
- Dimming range is from 0-100% (LED Will start from 1%)
- Used for DC Power supply
- Short circuit protection
- Security level : 2
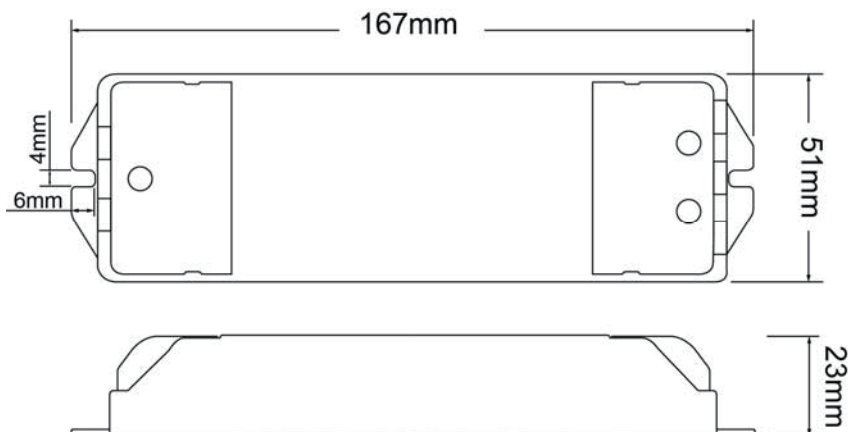- Two channels 12-24VDC constant voltage output
- Flicker-free

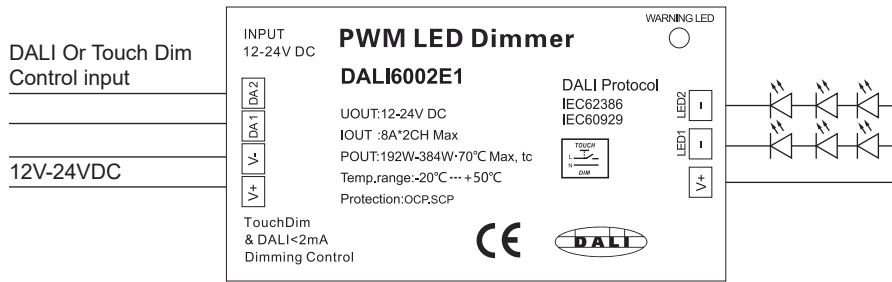**Model: DALI6002E1**

Technical parameter:

Parameter	Min.*	Nom.*	Max.	Unit
Input voltage range	12	12-24	24	Vdc
Touch DIM AC input voltage range	5	-	290	VAC
Touch DIM AC input voltage frequency range	45	-	65	Hz
12-24 V DC Input current	-	-	10	A/ ch
Output power	0.1	2 x96-192	2 x192	W
Output voltage	12	12-24	24	Vdc
Output current	-	-	8	A/ ch
Peak current	-	-	11.5	A/ ch
Dimming control DALI definition		IEC62386		
Out casing temp	-	-	70	℃
Surrounding temp	-20	-	50	℃
Protection	Short circuit protection			

*It's available in 25℃ indoor

Size (mm)

Connecting:

DALI Or Touch Dim
Control input

12V-24VDC

INPUT
12-24V DC

PWM LED Dimmer

DALI6002E1

UOUT:12-24V DC
IOUT :8A*2CH Max
POUT:192W-384W·70℃ Max, tc
Temp.range:-20℃···+50℃
Protection:OCP.SCP

DALI Protocol
IEC62386
IEC60929

WARNING LED

TouchDim
& DALI<2mA
Dimming Control

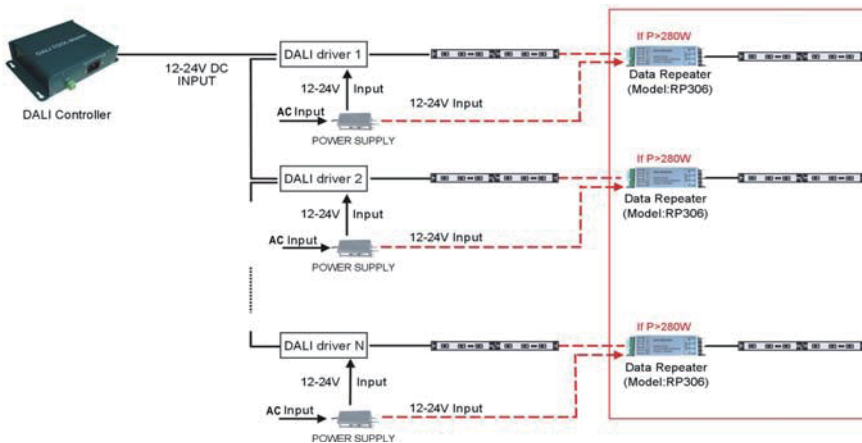CE DALI

DA 2
DA 1
V-
V+

TOUCH
N
L
DIM

LED2
LED1
V+

Touch DIM function instructions:
1)   Press the Touch DIM switch for 8s or more,the driver can be controlled via Touch DIM switch.
2)   Short press the Touch DIM switch (<0.5s) to control the lamp on or off.
3)   Long press the Touch DIM switch (>0.5s) to dim the brightness of light. The dimming direction will change every time after pressing switch.
4)   Double-click the Touch DIM switch (<0.3s), then all lamps connected on the device will be set maximum brightness.
5)   When the light being turned off, long press the Touch DIM switch can turn on the light and adjust the brightness according to the dimming direction.
6)   The brightness adjustment range is 1%-100%, and the light can be turned off through short pressing when doing the adjustment with long pressing Touch DIM switch.
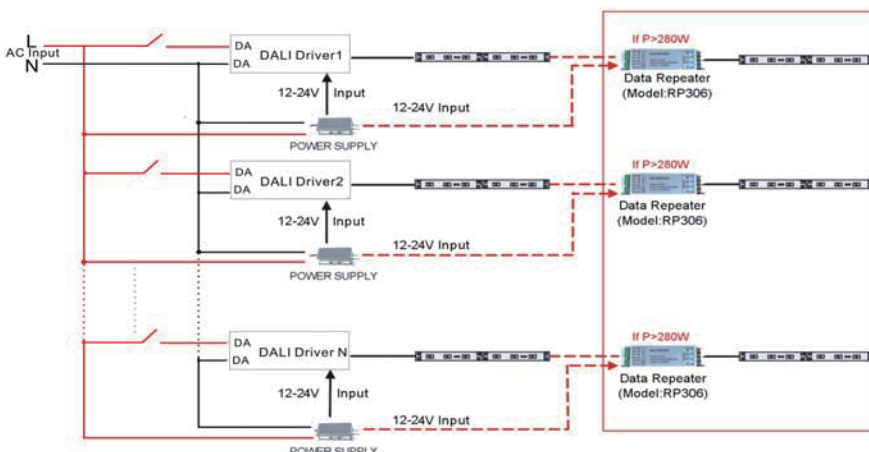7)   With the Power off memory function, the power-down state will be recovered when power on again.

Product installation notes:
1)   Remark: DALI and Touch DIM functions cannot be used simultaneously, which can be controlled respectively by using DALI controllers or the equipments with Touch DIM function
2)   Please read the connecting instruction picture before installation
3)   Please use the complete set of product according to the provided specification
4)   Please firstly pressure the cap end down in wire connecting process, then insert the thread of wire, and lastly check the wire is or not insert firmly
5)   Please check the connecting method is correct or not before connecting the power

DALI wiring diagram:

TouchDIM wiring diagram:

DALI6002E1   **12-24V DC**

产品特点**:**

- PWM 输出最大电流 8A/CH
- DALI 数字控制输入，调光控制 LED 模块
- 寻址输出通道
- 支持 Touch DIM,可以手动调光
- 调光从 0-100％的范围内，(LED 亮度在 1%启动)
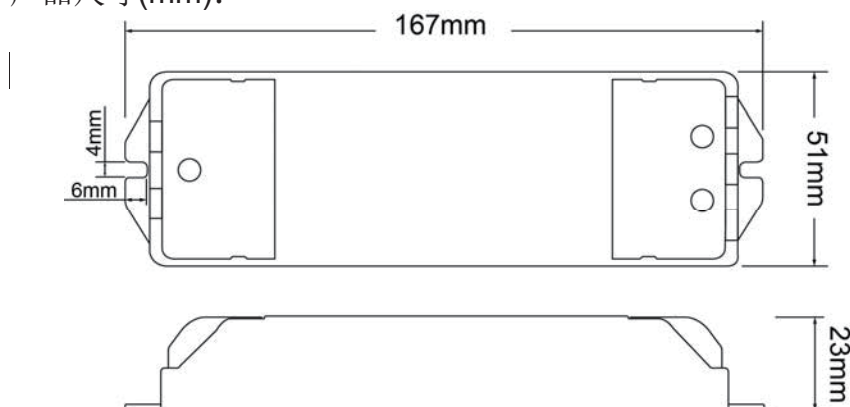- 适用于直流电源
- 短路保护
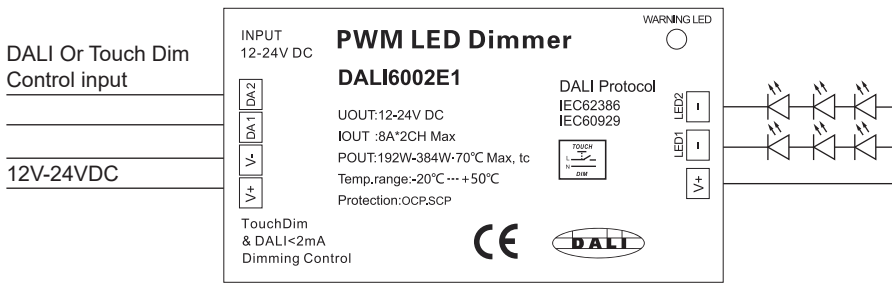- 安全等级 2
- 二通道 12-24VDC 恒压输出
- 无频闪设计

型号： **DALI6002E1**

技术数据：

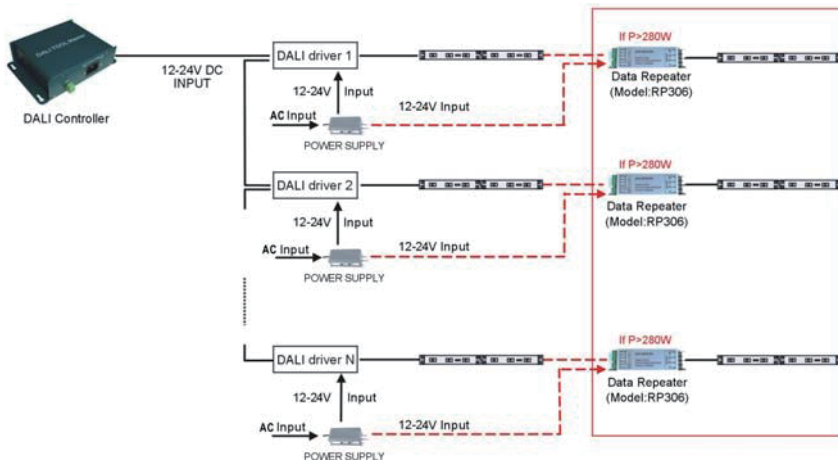| 参数	Min.*	Nom.*	Max.	Unit
输入电压范围	12	12-24	24	Vdc
Touch DIM AC 输入电压范围	5	-	290	VAC
Touch DIM AC 输入电压频率范围	45	-	65	Hz
12-24V 直流电输入电流	-	-	10	A/ ch
输出功率（2 通道功率输出，合计）	0.1	2 x92-192	2 x192	W
输出电压	12	12-24	24	Vdc
输出电流	-	-	8	A/ ch
峰值电流	-	-	11.5	A/ ch
调光控制 （调光）DALI 协议		IEC62386		
外壳温度	-	-	70	℃
环境温度	-20	-	50	℃
保护	短路保护			

*在室温 25℃温度场的有效

产品尺寸(mm)：

连接示意图

Touch DIM 功能介绍：

1) 长按Touch DIM 8s以上，切换为Touch DIM模式。
2) 短按Touch DIM 开关（<0.5秒）进行灯的亮暗控制。
3) 长按Touch DIM 开关（>0.5秒）进行灯具的亮度调节，光是调亮还是调暗，随着每次按压的开关变化而变换。
4) 双击Touch DIM 开关（<0.3秒），连接的所有灯具将达到最亮状态。
5) 当灯具处于关闭状态，长按Touch DIM开关可以开启灯具并按照变化方向进行亮度的调节。
6) 亮度调节范围为1%-100%。
7) 具有断电记忆功能，重新上电将恢复到上一次断电的状态。

产品安装注意事项：

1) 注意：DALI 和 Touch DIM 一定不能同时使用，可分别使用 DALI 控制器或具有 Touch DIM 功能的设备来控制
2) 安装前请仔细看产品接线图
3) 请按产品提供线材规格范围配套使用
4) 接线过程请将压线帽端压下，再插入线头，接好请检查是否插牢固
5) 上电前就仔细检查接线方式是否正确

DALI 接线图

TouchDIM 接线图