

DALI constant voltage LED driver



Features特征:

- The output voltage is constant; 输出模式: 恒压;
- Input voltage: 180-265VAC; 输入电压: 180-265VAC;
- Using active built-in PFC techology; 采用PFC技术;
- Efficiency>85% PF>0.95; 效率>85%功率因素PF>0.95;
- Protection: SCP/OVP/OCP; 短路保护 过压保护 过流保护;
- Fireproof plastic case; 塑料防火外壳;
- Fit for KNX/Tridonic/Siemens/Philips/Feelux system; 兼容KNX/ABB/Tridonic/Siemens/Philips/Feelux系统;
- Noise free, flicker free; 无噪音, 肉眼无频闪;
- CE/ROHS/SAA/TUV passed; CE/ROHS/SAA/TUV认证;
- DALI IEC62386 design, compatible with DALI V1&V2; IEC62386国际通用标准设计, 兼容DALI V1和V2通信标准;
- 5 Years warranty, lifespan>50,000hrs. 5年保, 寿命>5小时。

规格书Specification Sheet

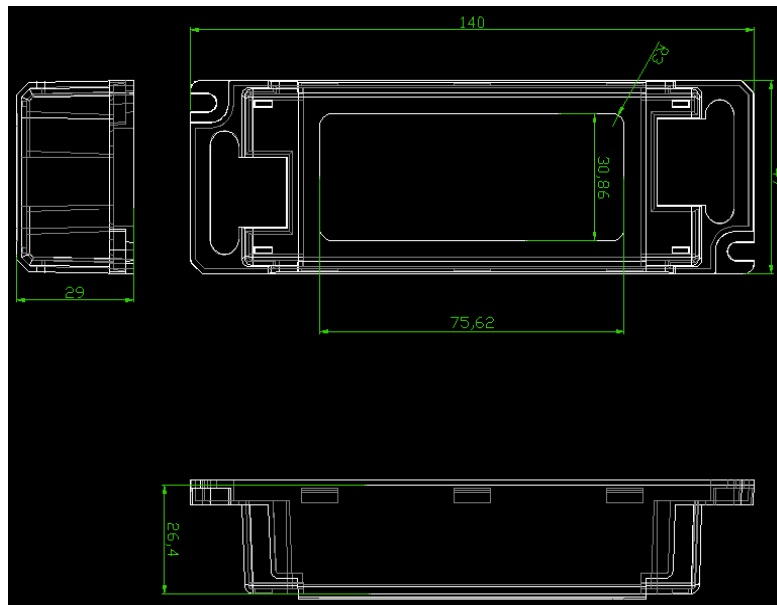
| 名称Model               | 恒压输出/CV model                | 参数Parameter   |       |
|-----------------------|------------------------------|---|-------|
| 输出<br>Output          | 输出电流 Output current          | 1.25A   | 1.25A |
|                       | 电压精度 Voltage precision       | ±5%   |       |
|                       | 输出电压 Output voltage          | 12V   | 24V   |
|                       | 输出功率 Output Power            | 15W   | 30W   |
| 输入<br>Input           | 输入电压 Input Voltage Range     | 180-265V  |       |
|                       | 输入电流 AC Current(Typ)         | 0.20A@180VAC 0.18A@200VAC 0.16A@220VAC 0.13A@264VAC   |       |
|                       | 频率 Frequency Range           | 50/60Hz   |       |
|                       | 功率因数                         | PF>0.95@220V  |       |
|                       | 效率 Full-loading Efficiency   | >85%  | >86%  |
| 异常保护<br>Protection    | 保护类型 Short Circuit           | Short circuit protection / Over voltage protection  |       |
|                       | 最大输入电压 Over Voltage          | <270VAC   |       |
| 使用环境<br>Environment   | 工作温度 Operation Temperature   | -20—+45℃  |       |
|                       | 工作湿度 Operation Humidity      | 20-90%  |       |
|                       | 存储 Storage                   | -40—+85℃, 10-95%RH  |       |
|                       | 温度系数 Temperature Coefficient | ±0.03%/℃(0~50℃)   |       |
|                       | 抗震能力 Vibration Resistance    | 10~500HZ, 2G 10Min/period, X、Y、Z line per 60 mins   |       |
| 安规与电磁兼容<br>Safety&EMC | 标准 Standard                  | Refer to EN 61347-1; EN 61347-2-13; EN 62493  |       |
|                       | 耐压 Withstand Voltage         | I/P-O/P: 3.75KVAC   |       |
|                       | 绝缘强度 Insulating Strength     | I/P-O/P: 400M Ω/500 VDC/25℃/70%RH   |       |
|                       | 传导 EMC Emission              | To Correspond EN55015, EN61000-3-2(≥ 50% load)  |       |
|                       | 辐射 EMC Immunity              | To Correspond EN55015, EX61000-4-2, 3, 4, 5, 6, 8, 11, A Level of light industry standard (Surge 4KV) |       |
| 其他 Other              | 重量 Weight                    | 150g  |       |
|                       | 尺寸 Dimension                 | 140*47*29mm (L*W*H)   |       |
|                       | 材质 Material                  | 94V-0 PC fire retardant   |       |
|                       | 颜色 Color                     | white   |       |
|                       | 包装 Packing                   | 31*17*18cm/27pcs  |       |

NOTE

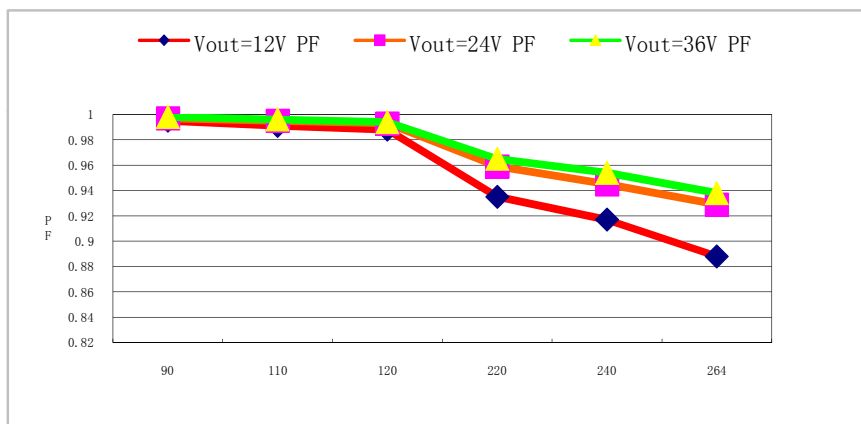
All parameters are measured at normal temperature(25-28℃)  
 1、Ripple & Noise are measured at 20KHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uf & 47uf parallel capacitor(@ full load).  
 2、The efficiency measured at Max output voltage, and 230VAC with full load, if with 110VAC the efficiency will be lowered 0.5%~1.5%; Working 1~2 hours, efficiency will be higher 1.5%~1% than the initial stage.

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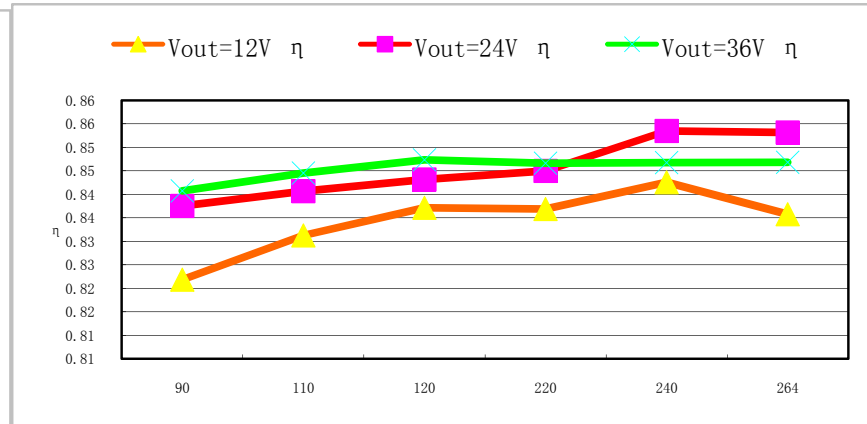
1.Mechanical Specification



2.Power Factor Characteristics



3.Efficiency & Load of (110VAC / 230VAC)



4.DALI Dimming system

