

LED Intelligent Driver

2~36W 200~1200mA 10~54Vdc

- Dimming interface: DALI, Push Dim.
- PWM digital dimming, no alter LED color rendering index.
- Standard DALI logarithmic dimming curve.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Multiple current, wide voltage, compatible with a variety of LED lights.
- Non-load output voltage 0V to prevent damages to LED caused by poor contact.
- Short circuit / Over-heat / Over load / Non-load protection.
- DALI bus standard: IEC62386-101, 102, 207.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.



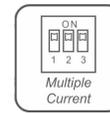
Dimmable:  

 0.1%~100%

SELV



RoHS



Main Characteristics

Dimming Interface: DALI (IEC62386), Push DIM  
 Input Voltage Range: 100-277Vac ±10%  
 Frequency: 50/60Hz  
 Input Current: 0.45A@115Vac, 0.25A@230Vac  
 Power Factor: PF>0.97/115Vac, PF>0.93/230Vac, at full load  
 THD: ≤16% at 115Vac, ≤20% at 230Vac, at full load  
 Efficiency: >88%  
 Inrush Current(typ.): Cold start 20A at 230Vac  
 Control Surge Capability: L-N: 1kV  
 Leakage Current: <0.5mA/230Vac  
 Operating Voltage: 10-54Vdc

Output Power Range: 2W~36W  
 Current Accuracy: ±3%  
 Max Output Voltage: Max. 58Vdc  
 Non-load Output Voltage: 0Vdc  
 PWM Frequency: ≤4KHz  
 Dimming Range: 0~100%, LED start at 0.1% possible.  
 Working Temperature: tc: 75°C ta: -30°C ~ 55°C  
 Working Humidity: 20 ~ 95%RH, non-condensing  
 Storage Temp., Humidity: -40 ~ 80°C, 10-95%RH  
 Temp. Coefficient: ±0.03%/°C(0-50°C)  
 Vibration: 10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes

Output Current :	200mA	350mA	500mA	600mA	700mA	900mA	1050mA	1200mA
Output Voltage :	10-54V	10-54V	10-54V	10-54V	10-52V	10-40V	10-35V	10-30V
Output Power :	2W-10.8W	3.5W-18.9W	5W-27W	6W-32.4W	7W-36.4W	9-36W	10.5-36.75W	12-36W

Protection

Over-heat Protection: Shut down the output when PCB temp. ≥110°C, auto recovers when temp. back to normal.  
 Over Load Protection: Shut down the output when rated power ≥ 102% ~125%, auto recovers when the load is reduced.  
 Short Circuit Protection: Shut down automatically if short circuit occurs, auto recovers after faulty condition is removed.  
 Non-load Protection: Shut down the output if no load, auto recovers when load back to normal.

Safety & EMC

Withstand Voltage: I/P-O/P: 3750Vac  
 Isolation Resistance: I/P-O/P: 100MΩ/500VDC/25°C/70%RH  
 Safety Standards: IEC/EN61347-1, IEC/EN61347-2-13  
 EMC Emission: EN55015, EN61000-3-2 Class C, IEC61000-3-3  
 EMC Immunity: EN61000-4-2,3,4,5,6,8,11 EN61547

Others

Dimension: 175×44×30mm(L×W×H)  
 Packing: 178×48×33mm(L×W×H)  
 Weight[G.W.]: 175g±10g

Dimensions

