

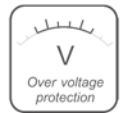
LED Intelligent Driver

150W 6.25A 24V DC

- Dimming interface: DALI, Push Dim.
- PWM digital dimming, standard DALI logarithmic dimming curve.
- High frequency PWM dimming, no flicker in video camera.
- Dimming range from 0-100%, LED start at 0.1% possible.
- Power factor > 0.99, Efficiency > 93%.
- Short circuit / Over-temperature / Over load / Over voltage protection.
- DALI bus standard: IEC62386-101, 102, 207.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.



SELV



Main Characteristics

Dimming Interface: DALI, Push DIM
 Input Voltage Range: 100-240Vac ±10%
 Frequency: 50/60Hz
 Input Current: 115Vac ≤ 1.95A, 230Vac ≤ 0.8A
 Power Factor: PF > 0.99/115Vac, PF > 0.95/230Vac, at full load
 THD: ≤ 5% at 115Vac, ≤ 8% at 230Vac (full load)
 Efficiency: ≥ 93%
 Inrush Current (typ.): Cold start 60A at 230Vac
 Leakage Current: I/P-O/P: < 0.5mA/230Vac, I/P-GND: < 0.75mA/230Vac
 Output Current: Max. 6.25A
 Output Voltage: 24Vdc

Output Voltage Range: 24Vdc ± 0.5Vdc
 Ripple & Noise: ≤ 200mV
 Output Power: Max. 150W
 Overload Power Limitation: 1.02-1.25
 Dimming Range: 0-100%, LED start at 0.1% possible.
 Working Temperature.: tc: 80°C ta: -30°C ~ 60°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

Protection

Over Temp. Protection: Ambient Temp. ≥ 65-75°C, recovers automatically after fault condition is removed
 Over Voltage Protection: No Load Voltage ≥ 26-32V, re-power on to recover after fault condition is removed
 Over Load Protection: Current Load ≥ 102%~125%, recovers automatically after fault condition is removed
 Short Circuit Protection: Recovers automatically after fault condition is removed.

Safety & EMC

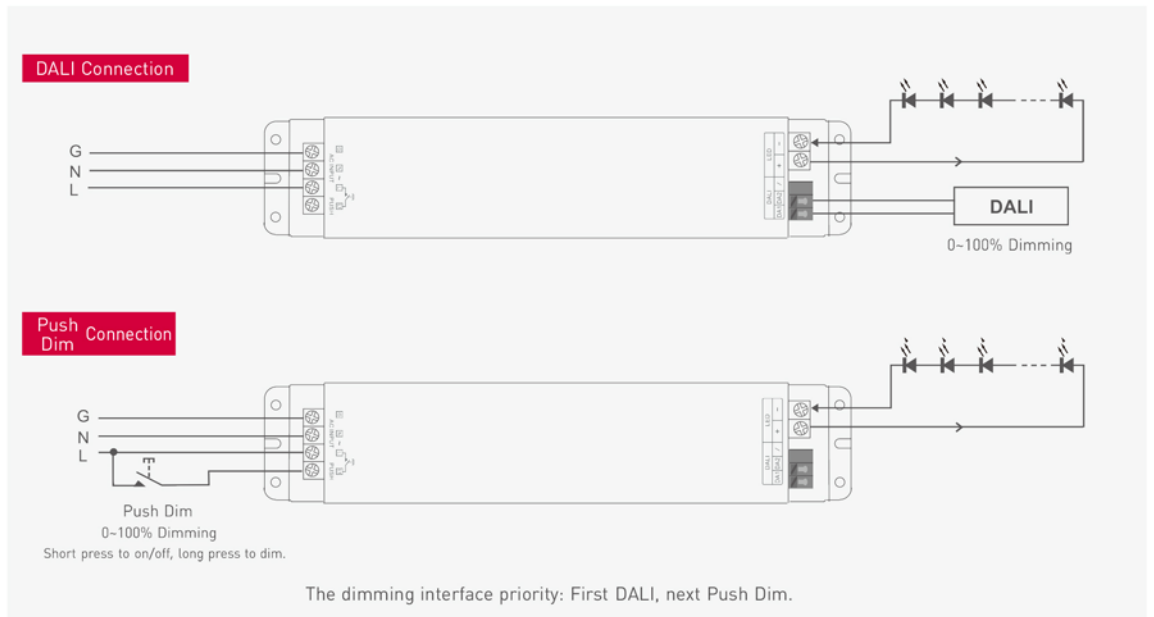
Withstand Voltage: I/P-O/P: 3750Vac
 Isolation Resistance: I/P-O/P: 100MΩ/500VDC/25°C/70%RH
 Safety Standards: IEC/EN61347-1, IEC/EN61347-2-13
 EMC Emission: EN55015, EN61000-3-2 Class C, IEC61000-3-3
 EMC Immunity: EN61000-4-2,3,4,5,6,8,11, EN61547

Others

Dimension: 273×57×37mm [L×W×H]
 Packing: 278×59×42mm [L×W×H]
 Weight(G.W.): 750g±10g

Dimensions





Push Dimming



Reset Switch

- On/off control: Short press.
- Stepless dimming: Long press.
- With every other long press, the light level goes to the opposite direction.
- Dimming memory: Brightness will be the same as previously adjusted when turning off and on again.