

Efficiency: $\geq 88\%$
 Inrush Current(typ.): Cold start 50A at 230Vac
 Leakage Current: I/P-O/P: $<0.5\text{mA}/230\text{Vac}$
 Output Current: Max. 12.5A
 Output Voltage: 12Vdc
 Output Voltage Range: 12Vdc $\pm 0.5\text{Vdc}$

Working Temperature: tc: 85°C ta: -30°C ~ 60°C
 Working Humidity: 20 ~ 95%RH, non-condensing
 Storage Temp., Humidity: -40 ~ 80°C, 10~95%RH
 Temp. Coefficient: $\pm 0.03\%/^{\circ}\text{C}(0-50^{\circ}\text{C})$
 Vibration: 10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes

* The dimming range parameters adopted LUTRON[®] dimming system as testing standards. The parameters may differ by using Triac/ELV dimming systems of different brands.
 • We can customize program for clients' high requirements.

• Attn: LUTRON[®] is registered trademarks of Lutron Electronics Co., Inc. registered in the U.S. and other countries

Protection

Over-heat Protection: Shut down the output when PCB temp. $\geq 110^{\circ}\text{C}$, auto recovers when temp. back to normal.
 Over Voltage Protection: Shut down the output when non-load Voltage $\geq 13-18\text{V}$, auto recovers after fault condition is removed.
 Over Load Protection: Shut down the output when Current Load $\geq 102\%-125\%$, auto recovers after faulty condition is removed.
 Short Circuit Protection: Shut down automatically if short circuit occurs, auto recovers after faulty condition is removed.

Safety & EMC

Withstand Voltage: I/P-O/P: $> 1000\text{V}$
 Isolation Resistance: I/P-O/P: $> 100\text{M}\Omega$
 Safety Standards: IEC/EN61347
 EMC Emission: EN55015, EN61000-3-2
 EMC Immunity: EN61000-4-2,3,4,5,6,8,11, E



Others
 SELV

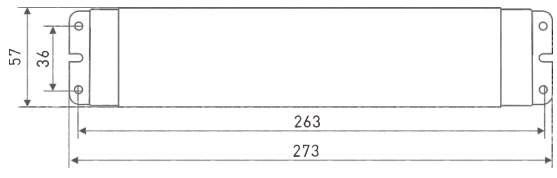
Others
 RoHS

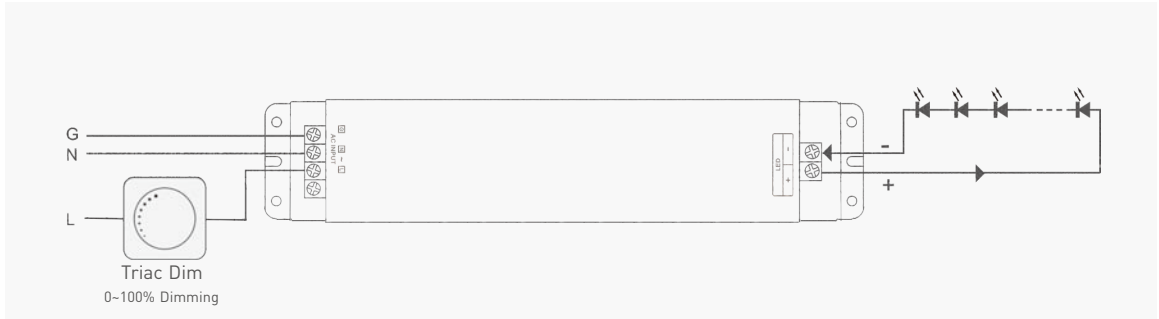
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Dimension: 273x57x37mm(LxWxH)
 Packing: 278x59x42mm(LxWxH)
 Weight(G.W.): 605g±10g

Output Power Range: 1~150W
 Overload Power Limitation: $\geq 102\%-125\%$

I/P-O/P: 3750Vac I/P-GND: $<1800\text{Vac}$





Selecting between ordinary dimmer and dimming system

Ordinary dimmer and dimming system have different dimming precision, precision of dimming system is higher. To meet customers' requirements on perfect dimming effects, we LTECH designed two programme options.

Method: Turn off the power and then remove the housing of the LED driver to find right component on the PCB. Shift system by selecting different contact pin (For installation professionals use only). Factory default as common (For ordinary dimmer).

