

LED Intelligent Dimming Driver

75W 6.25A 12V DC



- Dimming interface: 1-10V(0-10V/10VPWM/resistor), Push Dim.
- PWM digital dimming, no alter LED color temperature.
- Dimming range from 0-100%, LED start at 0.1% possible.
- Power factor > 0.99, Efficiency > 85%.
- Short circuit / Over-temperature / Over load protection.
- Metal housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.



Main Characteristics

Dimming Interface:	1-10V/0-10V/10VPWM/Resistor, Push Dim	Operating Voltage:	12V DC ± 0.5V DC
Dimming Range:	0~100%, LED start at 0.1% possible.	Max Output Power:	75W
Input Voltage Range:	100-240Vac ±10%	Overload Power Limitation	0.95-1.20
Input Current:	115Vac ≤ 0.9A, 230Vac ≤ 0.45A	Working Temperature..:	-30 ~ +60°C
Power Factor:	PF>0.99/115Vac, PF>0.95/230Vac, at full load	Working Humidity:	20 ~ 95%RH, non-condensing
Frequency:	50/60Hz	Storage Temp., Humidity:	-40 ~ +80°C, 10-95%RH
Efficiency:	≥85%	Temp. Coefficient:	±0.03%/°C(0-50°C)
Inrush Current(typ.):	Cold start 60A at 230Vac [twidth=525µs measured at 50% Ipeak]	Vibration:	10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes
Leakage Current:	<0.5mA/230Vac		
Current Load:	Max. 6.25A		

Protection

Short Circuit / Over Temperature / Over Load: Auto recovery

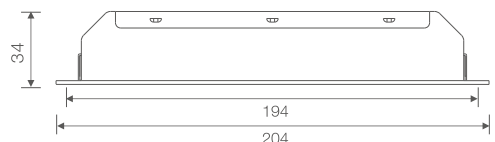
Others

Dimension:	204×62×34mm(L×W×H)
Packing:	206×64×39mm(L×W×H)
Weight[G.W.]:	490g±10g

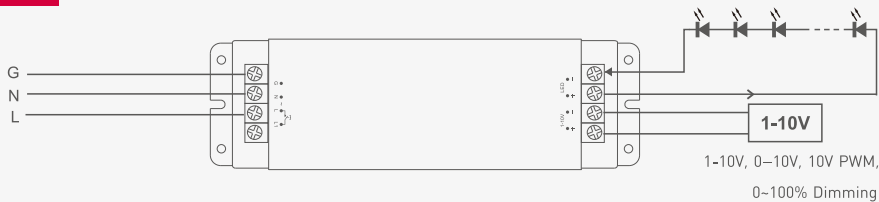
Safety & EMC

Withstand Voltage:	I/P-O/P: 3000Vac I/P-FG: 2000Vac O/P-FG: 500Vac
Isolation Resistance:	I/P-O/P: 100MΩ/500VDC/25°C/70%RH
Safety Specification:	IEC/EN61347-1, IEC/EN61347-2-13, EN55015, EN61000-3-2 Class C, EN61000-3-3, EN55024, EN61547 EN61000-4-2,3,4,5,6,8,11.

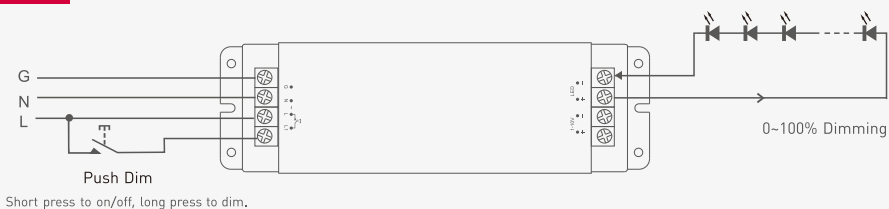
Dimensions



1-10V Connection



Push Dim Connection



Short press to on/off, long press to dim.

The dimming interface priority: First 1-10V, next Push Dim.

Push Dimming



Reset Switch

- On/off control: Short press.
- Stepless dimming: Long press.
- For fine tuning of light level: 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.