

LED Intelligent Dimming Driver

75W 6.25A 12V DC

- Dimming interface: DALI, Push Dim.
- PWM digital dimming, standard DALI logarithmic dimming curve.
- 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
- DALI bus standard: IEC62386..
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.



SELV

DALI PUSH DIM	PWM Digital Dimming	PF >0.99	η > 85% Efficiency	Over-heat Protection	Short Circuit Protection	Over Load Protection
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Main Characteristics

Dimming Interface:	DALI (IEC62386), 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

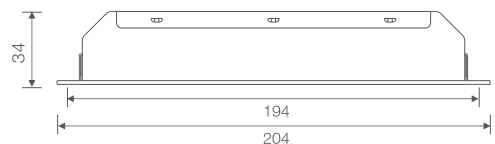
Others

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

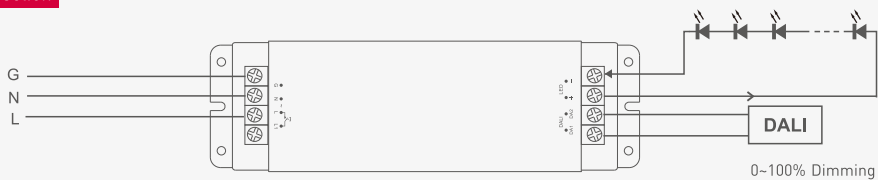
Safety & EMC

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:	IEC62386, 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.

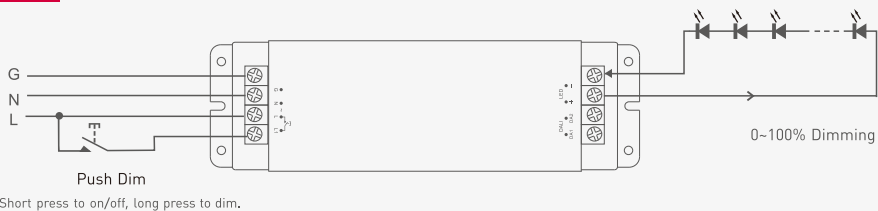
Dimensions



DALI Connection



Push Dim Connection



The dimming interface priority: First DALI, 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.