LED Intelligent Dimming Driver

36W   1.5A   24V DC

- Dimming interface: DALI, Push Dim.
- PWM digital dimming, standard DALI logarithmic dimming curve.
- 60000:1 wide dimming, range: 0~100%, LED start at 0.1% possible.
- Efficiency > 86%
- Short circuit / Over-temperature / Over load protection.
- Class 2 power supply. Full protective plastic housing.
- DALI bus standard: IEC62386.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.

SELV 110 F M M CE RoHS

DALI PUSH DIM | PWM Digital Dimming | >86% Efficiency | Over-heat Protection | Short Circuit Protection | Over Load Protection

Main Characteristics

Dimming Interface:	DALI (IEC62386), Push Dim	Line Regulation:	±1%
Dimming Range:	0~100%, LED start at 0.1% possible.	Load Regulation:	±2%
Input Voltage Range:	100-240Vac ±10%	Overload Power Limitation	0.95-1.20
Input Current:	115Vac≤0.8A, 230Vac≤0.4A	Working Temperature.:	-30 ~ +55°C
Frequency:	50/60Hz	Working Humidity:	20 ~ 95%RH, non-condensing
Efficiency:	≥86%	Storage Temp., Humidity:	-40 ~ +80°C, 10~95%RH
Inrush Current(typ.):	Cold start 20A at 230Vac	Temp. Coefficient:	±0.03%/°C(0-50°C)
Leakage Current:	<0.5mA/230Vac	Vibration:	10~500Hz, 2G 12min./1cycle, period
Output Current:	Max. 1.5A		for 72min. each along X, Y, Z axes
Operating Voltage:	24V DC ± 0.5V DC		
Output Power:	Max. 36W		

Protection

Short Circuit / Over Temperature / Over Load: Auto recovery

Others

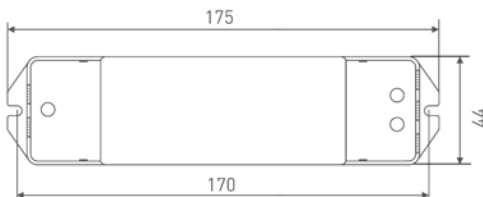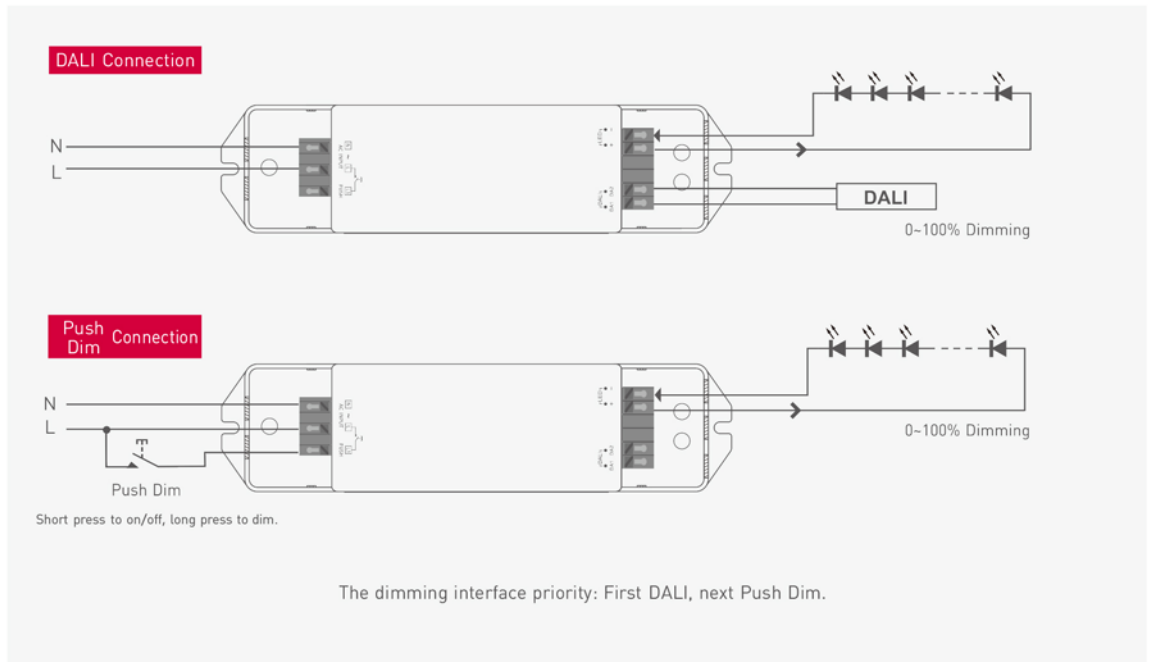|	
Dimension:	175×44×30mm(L×W×H)
Packing:	178×48×33mm(L×W×H)
Weight(G.W.):	190g±10g

Safety & EMC

Withstand Voltage:	I/P-O/P: 3750VAC
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

175

44

170

30

Connections

DALI Connection

N
L

DALI

0~100% Dimming

Push Dim Connection

N
L

Push Dim

0~100% Dimming

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

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.