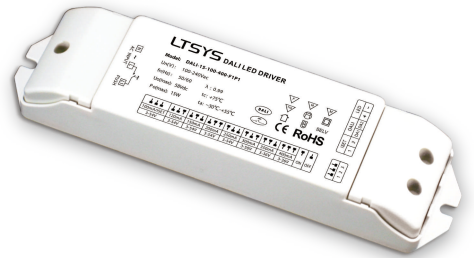


LED Intelligent Driver

0.3~15W 100~400mA 3~54V DC

- Dimming interface: DALI, Push Dim.
- PWM digital dimming, standard DALI logarithmic dimming curve.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Multiple current, wide voltage, compatible with a variety of LED lights.
- Power factor > 0.99, Efficiency > 85%
- Short circuit / Over-heat / Over load protection.
- Class 2 power supply. Full protective plastic housing
- DALI bus standard: IEC62386-101, 102, 207.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.



SELV

DALI  
PUSH DIM

PWM  
*Digital  
Dimming*

PF  
  
>0.99

>85%  
*Efficiency*

*Over-heat  
Protection*

*Short Circuit  
Protection*

*Over Load  
Protection*

*Multiple  
Current*

Main Characteristics

Dimming Interface:	DALI (IEC62386), Push Dim	Output Power Range:	0.3W~15W
Input Voltage Range:	100-240Vac ±10%	Current Accuracy:	±3%
Frequency:	50/60Hz	No Load Output Voltage:	58Vdc
Input Current:	115Vac≤0.20A, 230Vac≤0.10A	Dimming Range:	0~100%, LED start at 0.1% possible.
Power Factor:	PF>0.99/115Vac, PF>0.95/230Vac, at full load	Working Temperature.:	tc: 75°C ta: -30°C ~ 55°C
THD:	≤12% at 115Vac, ≤15% at 230Vac (full load)	Working Humidity:	20 ~ 95%RH, non-condensing
Efficiency:	≥85%	Storage Temp., Humidity:	-40 ~ 80°C, 10~95%RH
Inrush Current(tp.):	Cold start 20A@230Vac	Temp. Coefficient:	±0.03%/°C(0-50°C)
Leakage Current:	<0.5mA/230Vac	Vibration:	10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes
Operating Voltage:	3~54Vdc		

Output Current:	100mA	120mA	150mA	200mA	250mA	300mA	350mA	400mA
Output Voltage:	3-54V	3-54V	3-54V	3-54V	3-54V	3-50V	3-36V	3-36V
Output Power:	0.3-5.4W	0.4-6.5W	0.5-8.1W	0.6-11W	0.8-13.5W	0.9-15W	1.1-13W	1.2-15W

Protection

- Over-heat Protection:** Shut down the output when PCB temp. ≥ 110°C, auto recovers when temp. back to normal.
- Over Load Protection:** o/p current declines when Power Load ≥ 102% ~125%, auto recovers when the load is reduced.
- Short Circuit Protection:** Shut down automatically if short circuit occurs, auto recovers after faulty condition is removed.

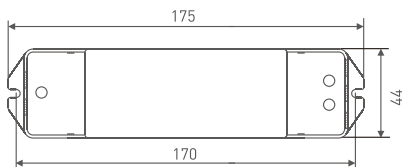
Safety & EMC

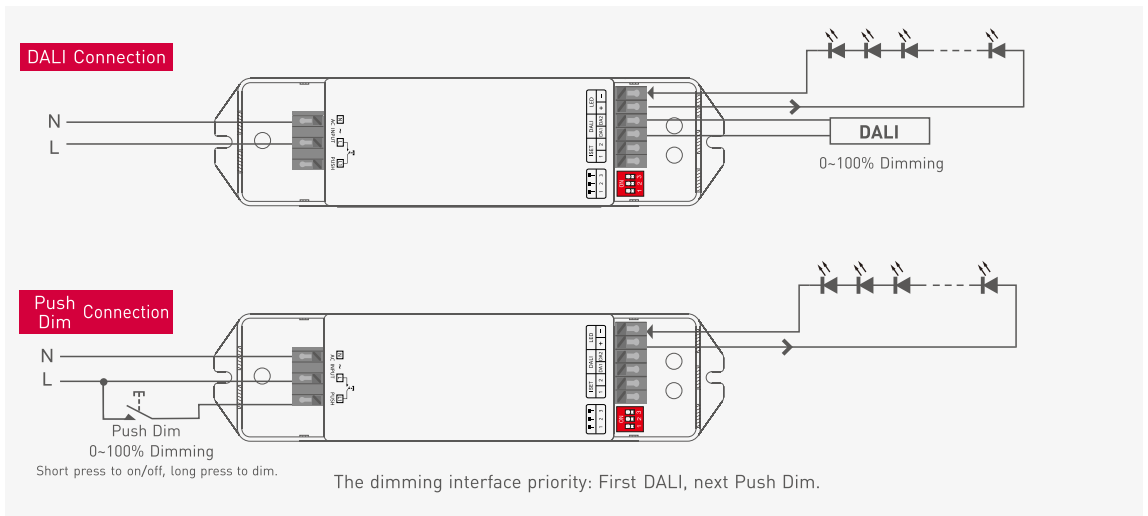
- Withstand Voltage:** I/P-O/P: 3750Vac;
- Isolation Resistance:** I/P-O/P: 100MΩ/500VDC/25°C/70%RH
- Safety Standards:** IEC/EN61347-1, IEC/EN61347-2-13
- EMC Emission:** En55015, EN61000-3-2 Class C, IEC61000-3-3
- EMC Immunity:** EN61000-4-2,3,4,5,6,8,11 EN61547

Others

- Dimension:** 175×44×30mm(L×W×H)
- Packing:** 178×48×33mm(L×W×H)
- Weight(N.W.):** 155g±10g

Dimensions





### Push Dimming

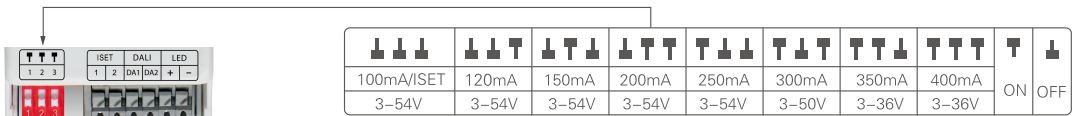


Reset Switch

- 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.

### LED Current Selection

**Quick options:** DIP switch for 8 optional currents' quick selection[see the table below].



\* After current setting by DIP switch, power off and then power on to make the new current effective.

\* E.g. LED 3.2V/pcs: 3-54V can power 1-16pcs LEDs in series, 3-36V can power 1-11pcs LEDs, the max quantity of LEDs in series will be subject to the actual voltage of LED.

**Advanced options:** Dial DIP switch down , connect ISET port with resistors of different values to set up any current from 100mA to 400mA [specific resistor values refer to the table].

