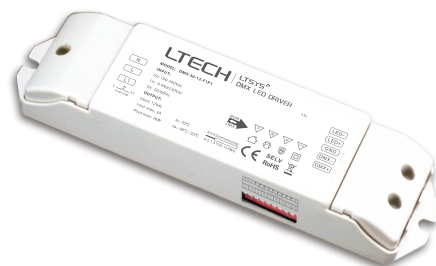


LED Intelligent Driver

- Dimming interface: DMX512/RDM, Push DIM.
- With the RDM remote device management protocol.
- PWM digital dimming, no alter LED color rendering index.
- 0-100% flicker-free, achieve the level of exemption assessment.
- Dimming range from 0-100%, LED start at 0.1% possible.
- Short circuit / Over-heat / Over load protection, recover automatically.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor I /II/III type lamps application.



Flicker-free
High frequency exemption level.

Dimmable:
0.1%-100%

SELV

RoHS

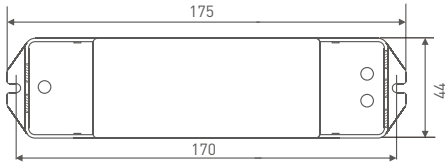

Specification

Model	DMX-36-12-F1P1	DMX-36-24-F1P1		
OUTPUT	Output Voltage	12Vdc	24Vdc	
	Output Voltage Range	12Vdc ±0.5Vdc	24Vdc ±0.5Vdc	
	Output Current	Max. 3A	Max. 1.5A	
	Output Power	Max. 36W		
	Output Power Range	0-36W		
	Strobe Level	High frequency exemption level.		
	Dimming Range	0-100%, dimming depth: Max. 0.1%		
	Overload Power Limitation	≥ 102%		
	Ripple & Noise	≤ 200mV		
PWM Frequency	3600Hz			
INPUT	Dimming Interface	DMX512/RDM, Push Dim		
	Input Voltage	100-240Vac		
	Frequency	50/60Hz		
	Input Current	115Vac ≤ 0.7A, 230Vac ≤ 0.38A	115Vac ≤ 0.75A, 230Vac ≤ 0.4A	
	Efficiency(typ.)	85%		
	Inrush Current(typ.)	Cold start 60A at 230Vac		
	Anti Surge	L-N:1KV		
	Leakage Current	<0.5mA/230Vac		
ENVIRONMENT	Working Temperature	ta: -30°C ~ 55°C tc: 70°C		
	Working Humidity	20 ~ 95%RH, non-condensing		
	Storage Temp., Humidity	-40°C ~ 80°C, 10-95%RH		
	Temp. Coefficient	±0.03%/°C (0-50°C)		
	Vibration	10-500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes.		
PROTECTION	Over-heat Protection	Intelligently adjusting or turning off the output current if the PCB temperature ≥ 110°C, auto recovers.		
	Over Load Protection	Shut down the output when current load ≥ 102%, auto recovers.		
	Short Circuit Protection	Shut down automatically if short circuit occurs, auto recovers.		
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		
Strobe Test Standard	IEEE 1789			
OTHERS	Dimension	175×44×30mm[L×W×H]		
	Packing	178×48×33mm[L×W×H]		
	Weight[G.W.]	190g±10g		

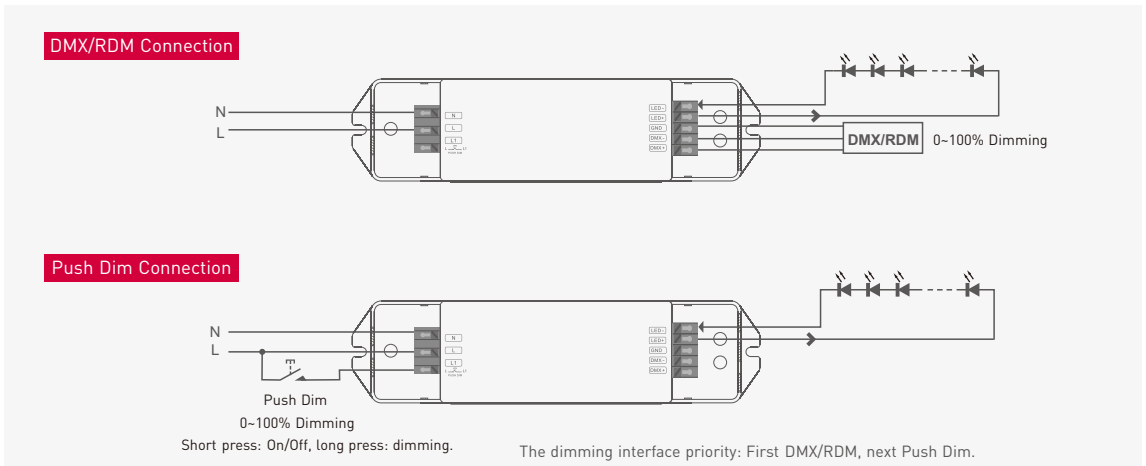
* The driver is suitable for connecting resistor current-limiting LED fixture (e.g. LED strip). The instantaneous surge current will be several times increased if connecting built-in constant current IC current-limiting LED fixtures, the driver will activate the overloaded protection (hiccups flickering). When you order, please remark controlling the constant current LED fixture (e.g. MR16 lamp, underground light, LED wall washer, constant current LED strip, etc.), then we can prepare the special programs.

Dimensions

Unit: mm



Wiring Diagram



Push Dimming



Reset Switch

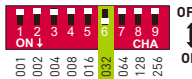
- On/off control: Short press.
- Stepless dimming: Long press.
- With every other long press, the light level goes to the opposite direction.
- Dimming memory: Brightness will be the same as previously adjusted when turning off and on again.

RDM Mode: The dip switch 1-9 are OFF .

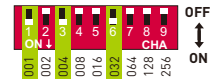


DMX Address Setting :

E.g.1: Set Initial Address To 32.



E.g.2: Set Initial Address To 37.



$$001+004+032=37$$

DMX address value = the total value of [1-9], to get the place value when in "on" position,

* No further notice if any changes in the manual.
Product function depends on the goods.
Please feel free to contact our official distributor if any question.