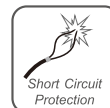## LED Intelligent Dimming Driver

36W   1.5A   24V DC

- Dimming interface: DMX512/RDM, Push DIM.
- With the RDM remote device management protocol.
- Supports DMX512 signal bi-directional communication.
- PWM digital dimming, no alter LED color rendering index.
- 60000:1 wide dimming, range: 0~100%, LED start at 0.1% possible.
- Power factor > 0.99, efficiency > 84%·
- Short circuit / Over-temperature / Over load protection.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.

SELV   110   F   M   M   CE   RoHS

| DMX/RDM PUSH DIM | PWM Digital Dimming | PF >0.99 | >84% Efficiency | Over-heat Protection | Short Circuit Protection | Over Load Protection |

Main Characteristics

Dimming Interface:	DMX512/RDM, Push DIM	Output Power:	Max. 36W
Dimming Range:	0~100%, LED start at 0.1% possible.	Line Regulation:	±1%
Input Voltage Range:	100-240Vac ±10%	Load Regulation:	±2%
Input Current:	115Vac≤0.6A, 230Vac≤0.3A	Overload Power Limitation	0.95-1.20
Power Factor:	PF>0.99/115Vac , PF>0.95/230Vac, at full load	Working Temperature.:	-30 ~ +55°C
Frequency:	50/60Hz	Working Humidity:	20 ~ 95%RH, non-condensing
Efficiency:	≥84%	Storage Temp., Humidity:	-23 ~ +80°C, 10~95%RH
Inrush Current(typ.):	Cold start 10A at 230Vac (twidth=75µs measured at 50% Ipeak)	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
Output Current :	Max. 1.5A		
Operating Voltage:	24V DC ± 0.5V DC		

Protection

Short Circuit / Over Temperature / Over Load: Auto recovery

Others

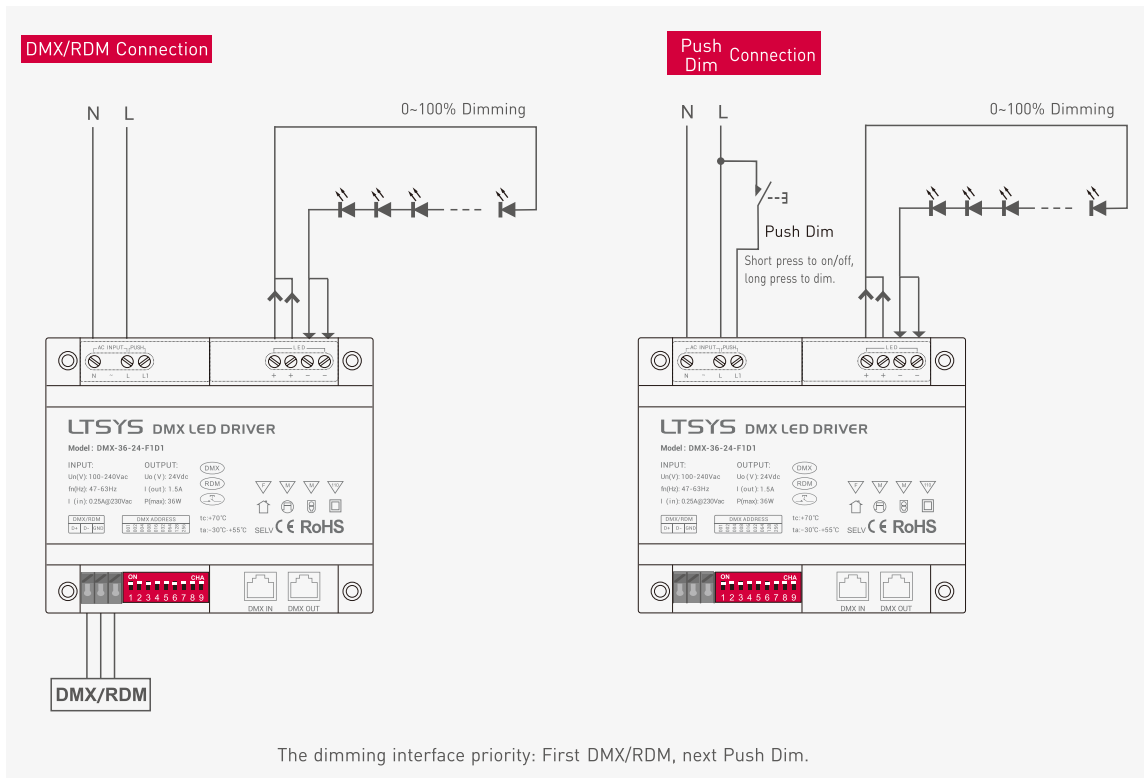|	
Dimension:	107×89×58mm(L×W×H)
Packing:	109×99×63mm(L×W×H)
Weight(G.W.):	280g±10g

Safety & EMC

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

44mm
58mm
73mm
89mm

91mm
107mm

35mm
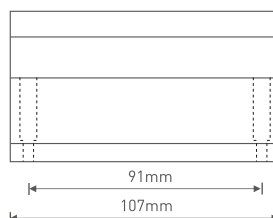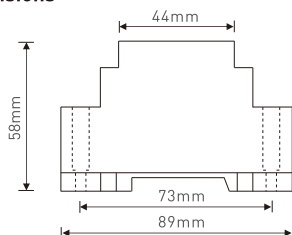
Din rail mounting size:
TS-35/7.5 or TS-35/15

LTSYS

DMX/RDM Connection

N L 0~100% Dimming

Push Dim Connection

N L 0~100% Dimming

Push Dim

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

DMX/RDM

The dimming interface priority: First DMX/RDM, 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.
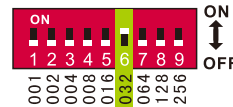
Attention:

- The product shall be installed and serviced by the qualified person.
- Before use, please make sure the LED driver output voltage matches with the LED lights. improper voltage will damage the LED lights or influence the luminous efficiency.
- Good heat dissipation can prolong the life of the LED driver. Please try to install the LED driver on the metal surface and use in well-ventilated environment.
- The wire size shall be big enough to load the power with solid connection to LED driver.
- If a malfunction occurs, do not repair by yourself. For any question, please contact the supplier directly.

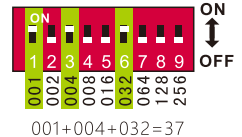**RDM Mode:** The dip switch 1-9 are OFF.

ON 1 2 3 4 5 6 7 8 9 ON↕OFF

DMX Address Setting:

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

ON 1 2 3 4 5 6 7 8 9 ON↕OFF
001 002 004 008 016 032 064 128 256

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

ON 1 2 3 4 5 6 7 8 9 ON↕OFF
001 002 004 008 016 032 064 128 256

001+004+032=37

DMX address value=the total value of (1-9),
To get the place value when in "on" position,