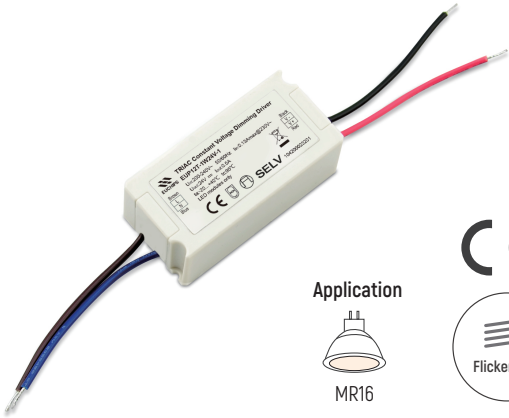


EUP12T-1W24V-1

Product Feature

- Single-channel constant voltage output,24ADC
- Support Leading edge (Triac) and Trailing edge (ELV) Dimmer
- Dimming range from 40VAC to 240V AC
- Dimming effect smooth, no flicker
- Over power protection; Over voltage protection
- Suitable for indoor LED lighting application



Application



MR16



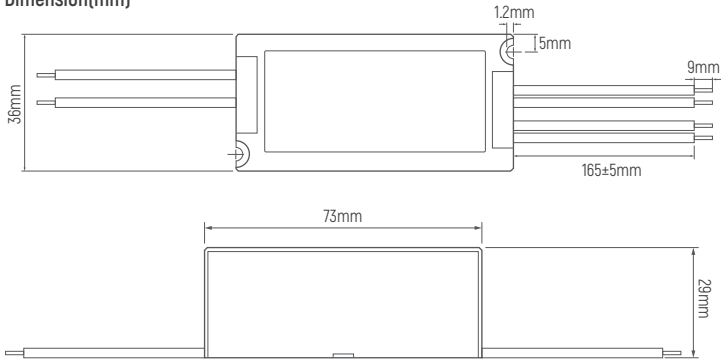
SELV



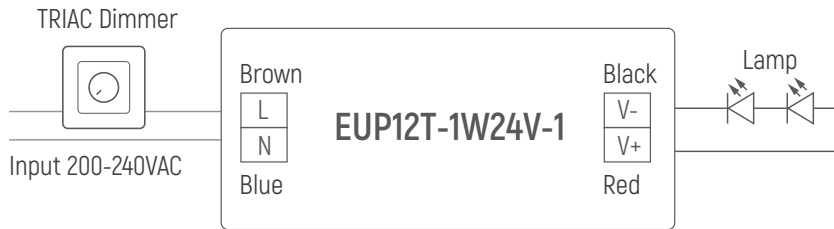
Technical Parameters

Model	EUP12T-1W24V-1		
Input	Efficiency	75%@230VAC, Full load	
	Voltage	200VAC-240VAC	
	Frequency	50/60Hz	
	Current	0.13Amax@230VAC, Full load	
	Dimming voltage range	40-240VAC	
	Inrush Current	12A @230VAC	
Output	Current	0.5A	
	Voltage	24VDC	
	Power	12W	
	Ripple Current	120mVp-p	
	Channel	1	
	Voltage Tolerance	±3%	
	Turn On Delay Time	<1s, @230Vac	
Function	Dimming Mode	Triac	ELV
Protection	Over Power	Hiccup mode, recovers after fault condition is removed	
	Over voltage	Close output, recovers after fault condition is removed	
Safety	Surge	L-N: 1kV	
	Withstand Voltage	I/P-O/P:1500V,5mA,60s	
	Safety Standards	EN61347-1 EN61347-2-13	
	Performance	EN62384	
Others	Working Temp.	-20°C~40°C	
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH	
	Tc	85°C	
	Material	PC	
	IP Rating	IP20	
	Lifetime	30,000h@tc:85°C	
	Warranty Condition	3 years	
	Switch Cycle	>15,000 times	
	Packing Size	Net weight: 60g±5%/PCS; 100PCS/Carton; 6.5kg±5%/Carton; Carton Size: 388*265*219mm[L*W*H]	
	Dimension	73*36*29mm[L*W*H]	

Dimension(mm)

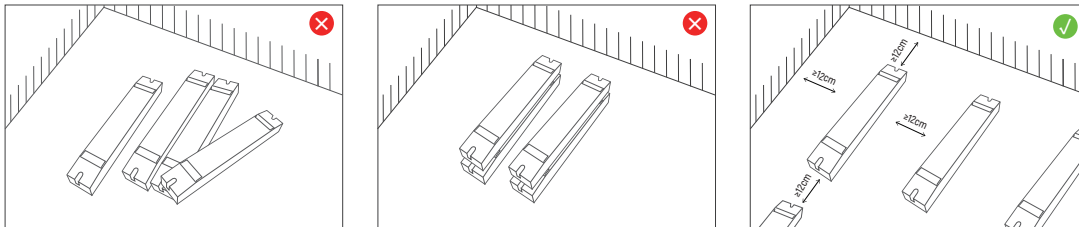


Wiring Diagram



Note: For capacitive load, the larger inrush current will reduce the service life of the electrolytic capacitor. Before using this product, please contact the relevant technical personnel to match and verify.

Installation Precautions



Please do not stack the products. The distance between two products should be $\geq 12\text{cm}$ so as not to affect heat dissipation and the lifespan of the products.

Cautions

1. This product must be installed and adjusted by a qualified professional.
2. This product is non waterproof, need to avoid sun and rain. In case of outdoor use, please ensure it is mounted in a water proof enclosure.
3. Good heat dissipation conditions extend product life. Please install the product in a well-ventilated environment.
4. Please make sure LED power supply output voltage, current is used to meet the product requirements.
5. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
6. Due to safety concerns, PVC or rubber cord of $0.75-2.5\text{mm}^2$ is recommended for input and output terminal(s). Flat power cord is not suitable. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
7. In case of malfunction, do not repair it yourself.

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail. Please contact us if you have any questions .

Warranty Agreement

1. Warranty periods from the date of delivery : 3 years.
2. Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

1. Beyond warranty periods.
2. Any artificial damage caused by high voltage, overload, or improper operations
3. Products with severe physical damage.
4. Damage caused by natural disasters and force majeure.
5. Warranty labels and barcodes have been damaged.
6. No any contract signed by EUCHIPS.

· Repair or replacement provided is the only remedy for customers. EUCHIPS is not liable for any incidental or consequential damage unless it is within the law.

· EUCHIPS has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.