

Magnetic & Electronic Transformers

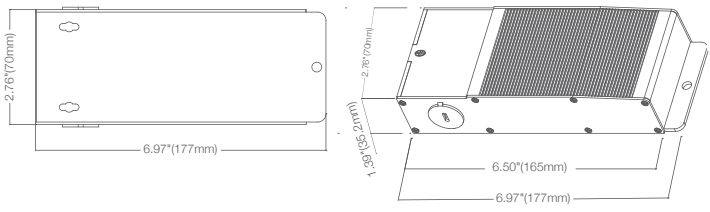


Constant Voltage Triac Dimmable Transformers



**20W
60W**

12/24 VOLT **DAMP LOCATION** **CLASS 2**



Features:

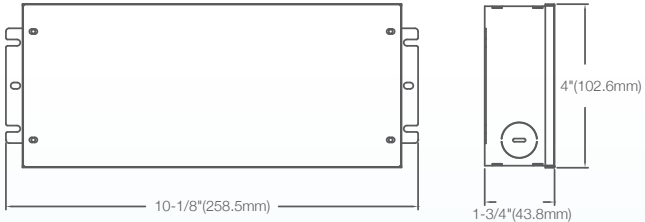
- Constant Voltage Mode
- Universal AC input / Full range: AC120-277V
- Strong Compatibility, flicker-free dimming
- ETL certification, Class II power unit
- Protections: Short circuit / Overload / Over Voltage
- Fully isolated aluminum case with IP20 level
- Suitable for dry or damp location
- Suitable for LED strip, LED modules or LED sign applications etc.

| Certificates | ETL | |
|--------------|--|---|
| Protection | Short Current | Hiccup mode, recover automatically after fault condition is removed |
| | Over Loading | ≤120% |
| Environment | Working TEMP. | -13°F to 113°F |
| | Working Humidity | 20-90% RH, Non-Condensing |
| | Storage TEMP. Humidity | -40-140°F, 10-95% RH |
| Safety & EMC | Safety Standards | UL8750 |
| | Withstand Voltage | I/P-O/P: 1500VAC |
| | Isolation Resistance | I/P-O/P: 100M Ω /500VDC/77°F/70% RH |
| Notes | 1. All parameters if NOT specially mentioned are measured at 120VAC input, rated load and 77°F of ambient temperature 2. To extend the driver's using life, please reduce the loading at lower input voltage 3. Loading should be 5-100% | |



150W

12/24 VOLT **DAMP LOCATION** **CLASS P**



Features:

- Constant Voltage Mode
- Universal AC input / Full range: AC120-277V
- Strong Compatibility, flicker-free dimming
- ETL certification, Class P
- Protections: Short circuit / Overload / Over Voltage
- Fully isolated aluminum case with IP20 level
- Suitable for dry or damp location
- Suitable for LED strip, LED modules or LED sign applications etc.

| Certificates | ETL | |
|--------------|--|---|
| Protection | Short Current | Hiccup mode, recover automatically after fault condition is removed |
| | Over Loading | ≤120% |
| Environment | Working TEMP. | -13°F to 113°F |
| | Working Humidity | 20-90% RH, Non-Condensing |
| | Storage TEMP. Humidity | -40-140°F, 10-95% RH |
| Safety & EMC | Safety Standards | UL8750 |
| | Withstand Voltage | I/P-O/P: 1500VAC |
| | Isolation Resistance | I/P-O/P: 100M Ω /500VDC/77°F/70% RH |
| Notes | 1. All parameters if NOT specially mentioned are measured at 120VAC input, rated load and 77°F of ambient temperature 2. To extend the driver's using life, please reduce the loading at lower input voltage 3. Loading should be 5-100% | |

| Series | Volt | Current | Watt | Brightness |
|------------------|--|----------------|--|------------|
| CV | - | DC | - | DIM |
| Constant Voltage | 12V 12 Volts 24V 24 Volts | Direct Current | 20 Watts 60 Watts (12 or 24V) 150 Watts | Dimmable |

Specs and model numbers are subject to change with or without notice

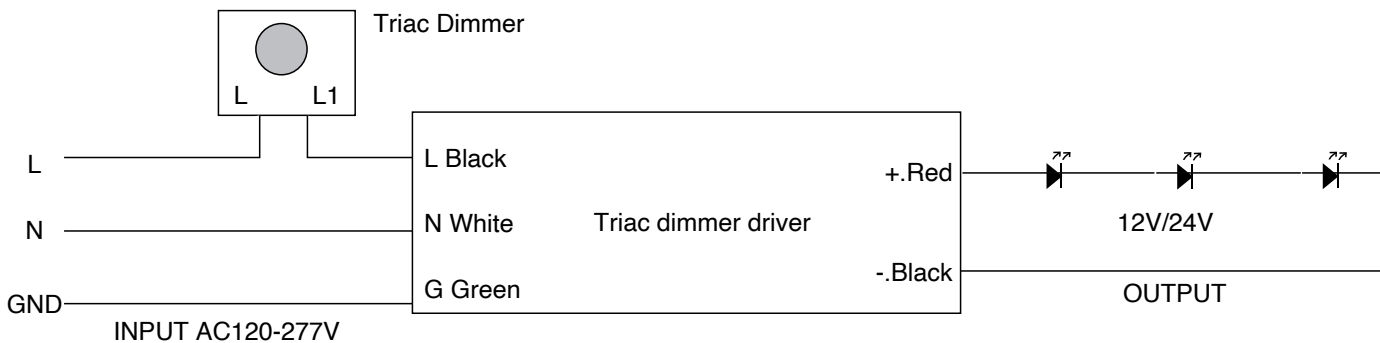
Constant Voltage Phase/120-277V Triac dimmable driver

Dimming Operation

- The Pulse-Width Modulation (PWM) of output voltage can be adjusted through input terminal of the AC phase line (L) by connection a triac dimmer.
- Usually matching with leading edge/Forward Phase Triac Dimmers (Can customized as a driver only matching trailing edge/reverse phase Triac Dimmers if needed).
- Please try to use dimmers with power at least 2.5 times as the output power of the driver.
- For Forward phase, Magnetic low voltage and Triac Dimmers

Warning

- Prevent to reverse polarity
- Risk of Fire. Installation Involves special wiring methods to run wiring through a building structure. Consult a qualified electrician
- Risk of Electric Shock. Mount the unit at a height greater than 1 foot from the ground surface.



Instructions

Dimming Operation

- The Pulse-Width Modulation (PWM) of output voltage can be adjusted through input terminal of the AC phase line (L) by connection a triac dimmer.
- Usually matching with leading edge/Forward Phase Triac Dimmers (Can customized as a driver only matching trailing edge/reverse phase Triac Dimmers if needed).
- Please try to use dimmers with power at least 2.5 times as the output power of the driver.
- For Forward phase, Magnetic low voltage and Triac Dimmers

Warning

- 1) This driver should be installed by a qualified professional
- 2) Please make sure the transformer is installed with adequate ventilation around it to allow for heat dissipation.
- 3) Ensure that wiring is correct before testing in order to avoid light and power supply damage.