



Constant Voltage LED Power Supply- Class 2

CV125-347



Overview

Compact and efficient, the Allanson CV125-347 Constant Voltage LED Power Supply is purpose-built for 12V DC LED lighting applications. Delivering up to 60W of output power, this single-channel unit operates on 347V AC input with strong efficiency and UL Class 2 certification. With protection against voltage, current, and short-circuit faults, it provides long-term reliability in dry and damp installations, backed by Allanson's 5-year warranty.



Explore

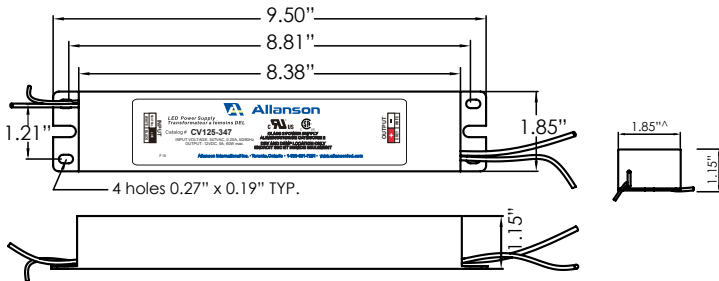


Where to Buy

Features

- Single- channel, constant voltage 12V DC output
- Input voltage: 347V AC
- UL Class 2, CSA certified
- Protection against over-voltage, over-current and short circuit
- Compatible with all 12V DC LED lighting products
- Safe for use in dry and damp environments
- 5-year warranty

Dimensions



Specifications

Part Number.....	CV125-347
Output Channel.....	1
Output Voltage.....	12V DC
Output Current.....	5.0A
Max. Output Power.....	60W
Input Voltage.....	347V AC
Input Frequency.....	50/60Hz
Power Factor.....	HPF >0.90 @347V
Max Input Current.....	0.25A
Efficiency at Full Load.....	83%
Safety Standard.....	UL8750, UL879, Class 2, CSA
Protective Characteristics	Over- voltage / Over- current/ Short- circuit
EMC.....	FCC 47CFR Part 15 ANSI C63. 4:2009 Class A
Surge Protection.....	2.5kV for combination wave/ ring wave
UL Environmental Suitability....	Dry and damp locations
Operating Temperature.....	-40°C ~ 60°C / -40°F ~ 140°F
Storage Temperature.....	-40°C ~ 85°C / -40°F ~ 185°F
Relative Humidity.....	5% to 95% non- condensing
Net Weight.....	1.43lbs / 0.65kg
Dimensions (LxWxH).....	9.50" x 1.85" x 1.15" / 241.0mm x 46.9mm x 28.7mm
Warranty.....	5 Years

Installation & Operating Instructions

- Do not install with power connected or during an electrical disturbance.
- Ensure that the ground wire is properly grounded and ensure it does not come into contact with the neutral wire.
- Power supply operates at high temperatures. To avoid injury, do not touch while in use. Do not overload the power supply.
- Ensure the power supply position has sufficient airflow. Operating temperature must be within the temperature limit mentioned above.
- In the end application, the maximum case temperature (Tc) shall not be exceeded 90°C.
- All connection must be performed in accordance with NEC and local electrical codes.

