



Overview:

The Altronix ALTV615DC8UL CCTV Power Supply is designed with eight (8) individually fused power limited, class 2 outputs for powering CCTV Cameras and other video accessories. It will provide 6VDC-15VDC distributed via eight (8) fused outputs with a total of up to 4 amp continuous supply current.

Specifications:

Agency Listings:

- UL Listed for Commercial CCTV Equipment (UL 2044).
- CUL Listed - CSA Standard C22.2 No.1-98, Audio, Video and Similar Equipment.

Input:

- Input 115VAC 50/60 Hz, .9 amp.

Output:

- 6VDC-15VDC adjustable output.
- Eight (8) individually fuse protected power limited, class 2 outputs.
- 4 amp total continuous supply current.
- Filtered and electronically regulated outputs.
- Surge protection.

Fuse Ratings:

- Output fuses are rated at 3.5 amp/250VAC (*Fig. 1*).

Visual Indicators:

- AC input and DC output LED indicators.

Additional Features:

- Power ON/OFF switch.
- Spare fuses included.
- Unit maintains camera synchronization.
- Ease of installation saves time and eliminates costly labor.

Enclosure Dimensions:

13"H x 13.5"W x 3.25"D



Fig. 1

Installation Instructions:

1. Mount ALTV615DC8UL in desired location.
2. Connect green lead to earth ground. Connect AC (115VAC 50/60 Hz) to the black and white flying leads of the transformer (*Fig. 1*). Use knockout adjacent to the transformer 1/4" spacing must be provided between AC input wiring and all other circuits.
3. Adjust output voltage using trimpot on the board prior to connecting CCTV devices.
4. Switch SW1 (*Fig. 1*) to OFF position.
5. Measure output voltage before connecting devices. This helps avoid potential damage. Terminals marked [1P-8P] are positive (+) and terminals marked [1N-8N] are negative.

CAUTION: Determine the maximum operating voltage of the equipment being powered before adjusting the output voltage.

6. Connect each DC CCTV cameras to terminal pairs marked [1P-1N thru 8P-8N] on PD8 board (*Fig. 1*) carefully observing correct polarity.
7. Switch SW1 (*Fig. 1*) to ON position.
8. Green LED will illuminate when when unit is powered.
9. Upon completion of wiring, secure enclosure door with screws (supplied).

Keep power limited circuits (outputs 1 through 8) away from non-power limited, 1/4" space must be provided. Use separate knockouts.

Caution: Equipment to be installed / serviced by authorized / trained personnel only.

Shut branch circuit power before installing / servicing equipment.

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to rain or moisture. This installation should be made by qualified service personnel and should conform to NEC and all local codes.

Terminal Identification:
AL400ULB - Power Supply Board

Terminal Legend	Function/Description
AC/AC	Low voltage AC input (24VAC 100VA) Altronix part #T24130
+ DC -	6VDC-15VDC @ 4 amp total continuous output.

PD8 - Distribution Module

1P - 8P	Positive DC output, Class 2, power limited.
1N - 8N	Negative DC output, Class 2, power limited.

Enclosure Dimensions:
13”H x 13.5”W x 3.25”D

