



ALTV129-DC CCTV Camera & Accessory Power Supply

Overview:

The Altronix ALTV129-DC DC CCTV Power Supply is designed with eight (8) individually fused outputs for powering CCTV Cameras and other video accessories. It will provide 9 or 12 VDC distributed via eight (8) fuse output with a total of 4 amps continuous supply current.

Specifications:

- Input 115VAC 50/60Hz, 1.45 amps.
 - Eight (8) individual fuse protected outputs.
 - 4 amps continuous supply current.
 - Output fuses are rated at 3.5 amps / 250VAC (Fig. 1).
 - Main fuse is rated at 5 amps / 250VAC (Fig. 1).
 - Surge protection.
 - AC input and DC output LED indicator.
 - Switch selectable 9VDC or 12VDC output.
 - Filtered and electronically regulated outputs.
 - Power ON/OFF switch.
 - Spare fuses included.
 - Unit maintains camera synchronization.
 - Ease of installation saves time and eliminates costly labor.
- Enclosure dimensions: 15.5"H x 12"W x 4.5"D

Optional available with 220VAC input
order model # ALTV129-DC/220.

Power Supply Output Specifications:

Output VDC	Switch Position	Maximum Load DC
9VDC	SW1 Open	4 amps
12VDC	SW1 Closed	4 amps

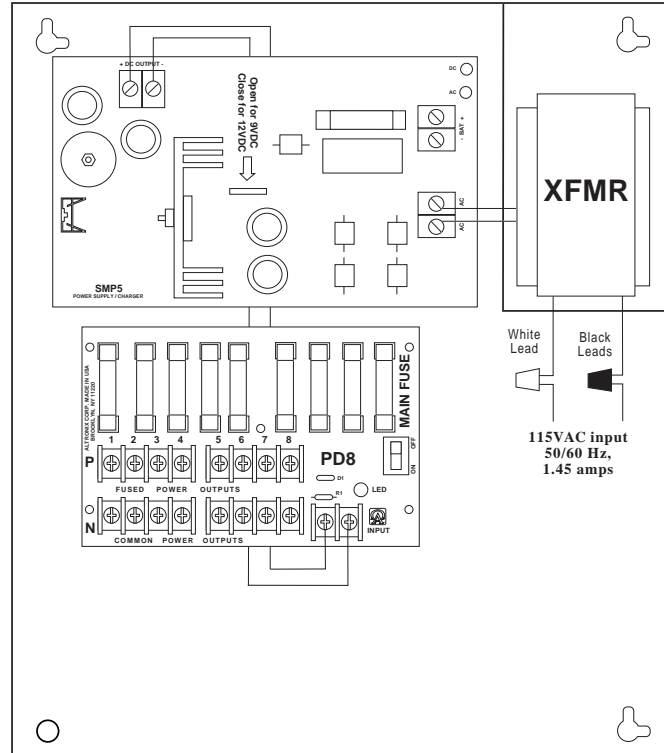


Fig. 1

Installation Instructions:

1. Mount ALTV129-DC enclosure in desired locations.
2. Slide switch SW1 (Fig. 1) to OFF position.
3. Set the ALTV129-DC to desired DC output voltage by setting switch (SW1) (Fig. 1) on the power supply board to the appropriate position (see power supply output specification table).
4. Connect the AC power to the black and white flying leads of the transformer (Fig. 1).
5. Connect each DC device to terminal pairs 1 to 8, marked [1P-1N thru 8P - 8N] (Fig. 1) carefully observing correct polarity.

Note: Is good operating practice to measure output voltage before connecting devices.

6. When batteries are being used the DC output voltage must be adjusted by turning the trim pot UR1 (Fig. 1) clockwise to increase the output voltage to 13.7 VDC for 12 VDC operation and 27.1 VDC for 24 VDC operation. Connect battery to terminals marked [- BAT +] (Fig. 1) (battery leads included).

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

7. Slide switch SW1 (Fig. 1) to ON position.
8. Green LED will illuminate when AC power is present.
9. Upon completion of wiring, secure enclosure door with screws (supplied).

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 all local codes and in accordance with the National Electrical Code.

Terminal Identification:

SMP5 - Power Supply Board

Terminal Legend	Function/Description
AC/ AC	Low voltage AC input (28VAC / 175VA). Altronix part # T28140.
+ DC -	12 or 24VDC - 4 amps total continuous output.
- BAT +	Stand-by battery connections. Maximum charge rate .5 amp.

PD8 - Power Distribution Module

1P - 8P	Positive DC power outputs.
1N - 8N	Negative DC power outputs.

Enclosure Dimensions:

15.5"H x 12"W x 4.5"D

