ALTV2416X220 Series
CCTV Camera and Accessory Power Supplies

Overview:
ALTV2416X220 CCTV Power Supply is designed with sixteen (16) individual fuse protected outputs for powering CCTV cameras and other video accessories. It provides 24VAC or 28VAC distributed via sixteen (16) fused outputs with a total of 8A continous supply current.

Sixteen (16) Output ALTV2416220 Reference Chart:

Altronix Model Number	220VAC 50/60Hz Input Current	Main Fuse Ratings	Output Voltage	Total Output Current (Power)	Number of Outputs	PTC Protected Outputs (auto-resettable)	Fuse Protected Outputs	Output Current (max. per output)
ALTV2416X220	0.9A	5A/ 250V	24VAC	8A	16	–	✓	3.5A
			28VAC	7A				
ALTV2416CBX220			24VAC	8A		✓	–	2.5A
			28VAC	7A				

Specifications:
Input:
- Input 220VAC 50/60Hz, 0.9A.

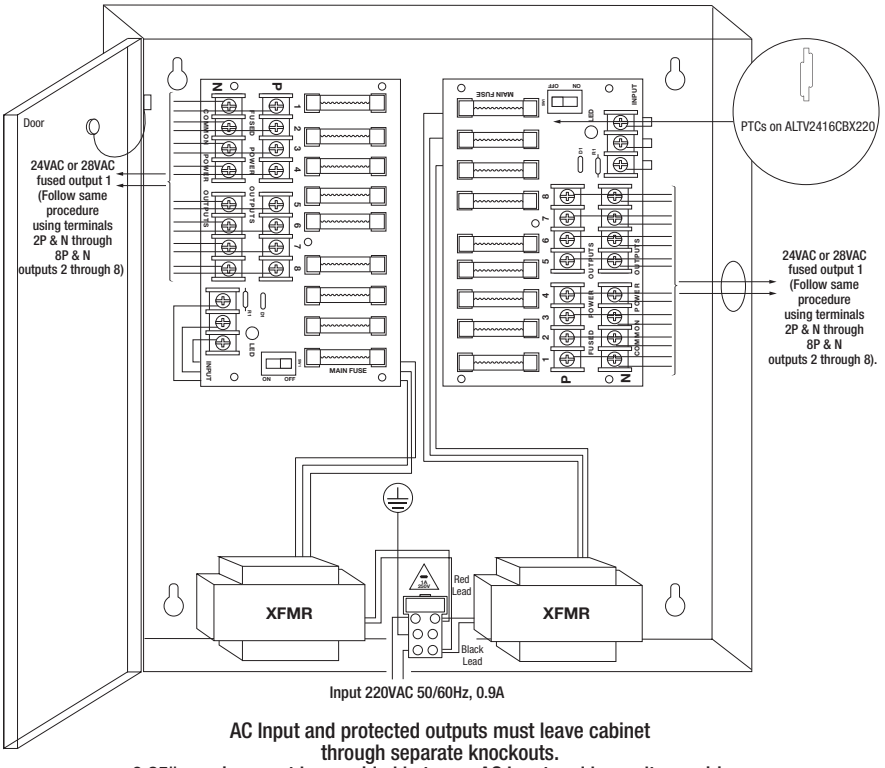
Output:
- 24VAC @ 8A or 28VAC @ 7A total supply current.
- Sixteen (16) individual fuse or PTC protected outputs.
- Surge protection.

Fuse Ratings:
- **ALTV2416X220:** Output fuses are rated 3.5A/250VAC *(Fig.1)*.
- **ALTV2416CBX220:** Output PTCs are rated 2.5A *(Fig.1)*.
- Main fuses on PD8s and PD8CBs are rated 5A/250VAC *(Fig.1)*.

Visual Indicators:
- AC power LED indicator.

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

Enclosure Dimensions (H x W x D)**:**
13.5" x 13" x 3.25" (82.55mm x 342.9mm x 330.2mm).



AC Input and protected outputs must leave cabinet through separate knockouts.
0.25" spacing must be provided between AC Input and low voltage wiring.

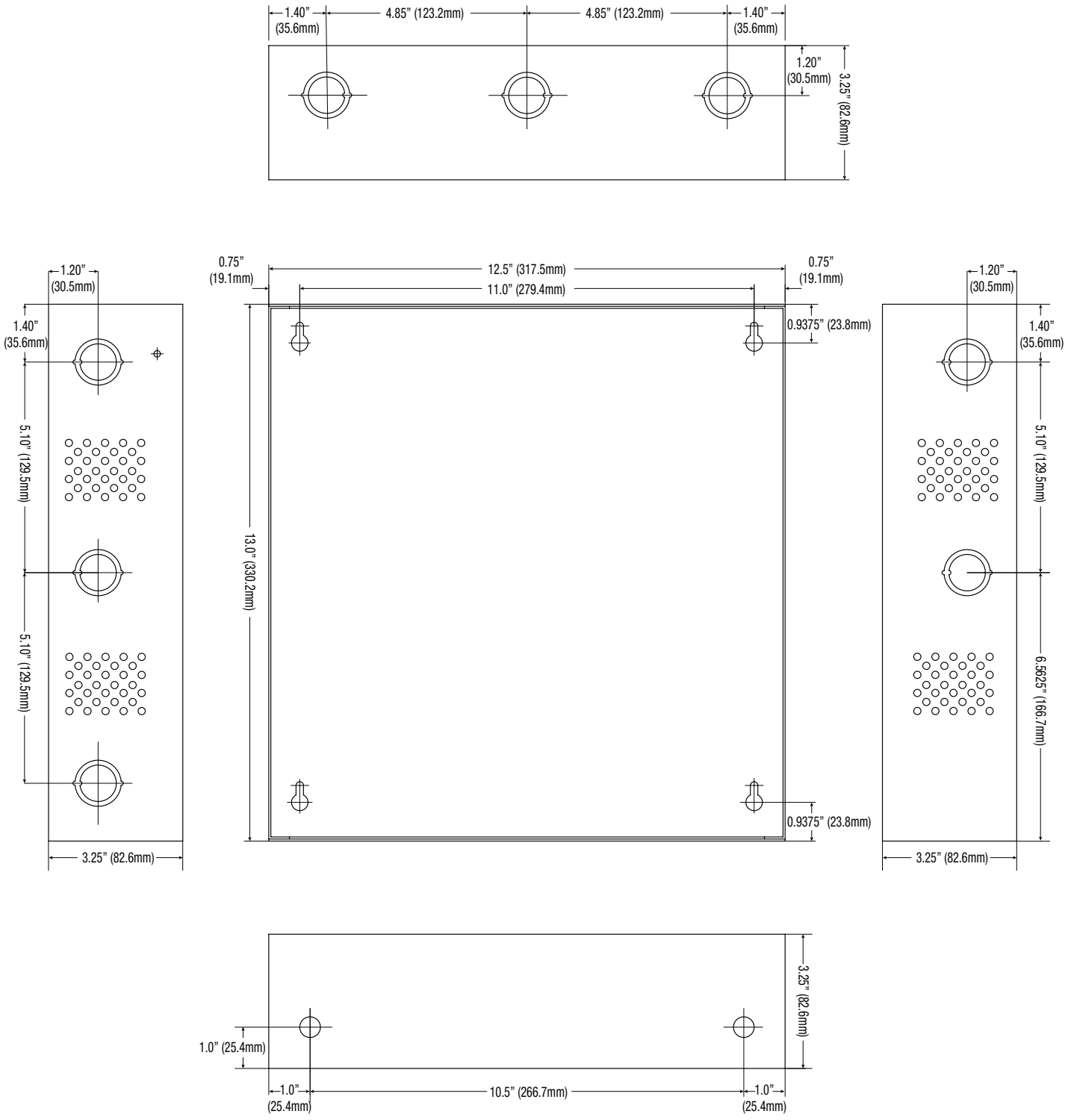
Fig. 1

Installation Instructions:
1. Mount ALTV2416X220 in the desired location.
2. Slide switch SW1 *(Fig. 1)* to OFF position.
3. All units are factory set for 24VAC operation.
   For 28VAC operation (for models with 24VAC/28VAC option only), adjust unit prior to mounting and applying power as follows:
   Change the wire position so that the black wire [28V] is connected to the terminal marked [P] and the yellow wire [24V] is connected to the terminal marked [S].
4. Connect unswitched AC circuit (220VAC, 50/60Hz) as follows: Green branch wire (ground) connects to the terminal marked ⏚, Line connects to the terminal marked [L], and Neutral connects to the terminal marked [N] of the Inlet Appliance Connector.
   Use 18 AWG or larger for all power connections.
5. Connect devices to output terminals using the following procedure *(Fig. 1)*.
   Circuit Board A - Camera 1 through 8 output terminals marked [1P & 1N] through [8P & 8N].
   Circuit Board B - Camera 9 through 16 output terminals marked [1P & 1N] through [8P & 8N].
6. Measure output voltage before connecting devices. This helps avoiding potential damage.
   All terminals with common suffix P 1P, 2P..." are the same polarity.
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 the National Electrical Code and all local codes.

Enclosure Dimensions (H x W x D approximate)**:**

13.5" x 13" x 3.25" (82.55mm x 342.9mm x 330.2mm).



Altronix is not responsible for any typographical errors. Product specifications are subject to change without notice.

140 58th Street, Brooklyn, New York 11220 USA | phone: 718-567-8181 | fax: 718-567-9056
website: www.altronix.com | e-mail: info@altronix.com | Lifetime Warranty

MEMBER