

ALTV248UL Series AC CCTV Power Supplies

Description

Altronix ALTV248UL series CCTV power supplies provide 24VAC or 28VAC distributed via eight (8) fuse or PTC protected outputs for powering CCTV cameras, heaters, and other video accessories.



Key Features

- Eight (8) fuse or PTC protected outputs.
- 24VAC or 28VAC outputs.
- Surge protection.
- AC Power LED.
- Power ON/OFF switch (ALTV248UL and ALTV248ULCB).
- Illuminated power disconnect circuit breaker with manual reset for all other models.
- Models with factory installed 3-wire linecord are available.
- Spare fuses provided (all models with primary and/or secondary fuses).
- UL Listed in the U.S. and Canada.
- CE Approved.
- Lifetime Warranty / Made in the U.S.A.

ALTV248UL Series Power Supply Configuration Reference Chart

Altronix Model Number	Output Voltage	Total Output Current (Power)	Number of Outputs	PTC Protected Power-Limited Outputs (auto-resettable)	Fuse Protected Outputs	Output Current (max per output)	Main Fuse Ratings	115VAC 60Hz Input Current
ALTV248UL	24VAC	3.5A	8	—	✓	3.5A	5A/ 250V	0.9A
	28VAC	3A		—	—	2.5A		
ALTV248ULCB	24VAC	3.5A		✓	—	2.5A	5A/ 250V	1.76A
	28VAC	3A		—	—	2.5A		
ALTV248175UL	24VAC	7A		—	✓	3.5A	10A/ 250V	1.76A
	28VAC	6.25A		—	—	2.5A		
ALTV248175ULCB	24VAC	7A		✓	—	2.5A	10A/ 250V	2.7A
	28VAC	6.25A		—	—	2.5A		
ALTV248300UL	24VAC	12.5A		—	✓	3.5A	15A/ 32V	2.7A
	28VAC	10A		✓	—	2.5A		
ALTV248300ULCB	24VAC	12.5A		—	—	3.5A	15A/ 32V	2.7A
	28VAC	10A		✓	—	2.5A		
ALTV248300ULM	24VAC	12.5A		—	—	3.5A	15A/ 32V	5.4A
	28VAC	10A		✓	—	2.5A		
ALTV248300ULCBM	24VAC	12.5A		✓	—	2.5A	15A/ 32V	5.4A
	28VAC	10A		—	—	2.5A		
ALTV248600UL	24VAC	25A	—	✓	3.5A	15A/ 32V	5.4A	
	28VAC	20A	✓	—	2.5A			
ALTV248600ULCB	24VAC	25A	—	—	3.5A	15A/ 32V	5.4A	
	28VAC	20A	✓	—	2.5A			



ALTV248220 Series AC CCTV Power Supplies

Specifications

Input

Voltage 115VAC, 60Hz.
Fusing See Reference Chart.

Outputs

Voltage 24VAC or 28VAC.
Current Varies, see Reference Chart.
Protection Fused 3.5A / PTC 2.5A.

Indicators (LED)

Output 24VAC or 28VAC is present.

Agency Listings

Commercial CCTV Equipment UL2044
Audio, Video and Similar Equipment CSA Standard C22.2 No.1-98
CE European Conformity

Physical and Environmental

Dimensions (H x W x D):

ALTV248UL and ALTV248ULCB:
8.5" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm).
ALTV248300ULM and ALTV248300ULCBM:
8.5" x 7.5" x 3.875" (215.9mm x 191mm x 98.4mm).
ALTV248175UL, ALTV248175ULCB,
ALTV248300UL, and ALTV248300ULCB:
12" x 7.5" x 4.5" (304.8mm x 190.5mm x 114.3mm).
ALTV248600UL and ALTV248600ULCB:
13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm).

Physical and Environmental (cont'd)

Weight:

Model	Product Weight	Shipping Weight
ALTV248UL(CB)	6 lbs. (2.7 kg)	7.0 lbs. (3.2 kg)
ALTV248175UL(CB)	10.8 lbs (4.9 kg)	11.8 lbs (5.4 kg)
ALTV248300UL(CB)	11.1 lbs (5.1 kg)	12.1 lbs (5.5 kg)
ALTV248300UL(CB)M	10.85 lbs (4.9 kg)	11.35 lbs (5.2 kg)
ALTV248600UL(CB)	22.2 lbs (10.1 kg)	23.2 lbs (10.5 kg)

Temperature

Operating 0°C to 49°C (32 to 120°F).
Storage -20°C to 70°C (-4 to 158°F).
Relative Humidity 85% +/-5%.

BTU/Hr (approx.):

Model	24VAC	28VAC
ALTV248UL(CB)	43	43
ALTV248175UL(CB)	86	90
ALTV248300UL(CB)	154	143
ALTV248300UL(CB)M	154	143
ALTV248600UL(CB)	307	287