

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.



ALTV248300UL

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		—	✓	3.5A	5A/250V	
ALTV248ULCB	24VAC	3.5A		✓	—	2.5A	5A/250V	1.76A
	28VAC	3A		✓	—	2.5A	5A/250V	
ALTV248175UL	24VAC	7A		—	✓	3.5A	10A/250V	1.76A
	28VAC	6.25A		—	✓	3.5A	10A/250V	
ALTV248175ULCB	24VAC	7A		✓	—	2.5A	10A/250V	2.7A
	28VAC	6.25A		✓	—	2.5A	10A/250V	
ALTV248300UL	24VAC	12.5A		—	✓	3.5A	15A/32V	2.7A
	28VAC	10A		—	✓	3.5A	15A/32V	
ALTV248300ULCB	24VAC	12.5A		✓	—	2.5A	15A/32V	2.7A
	28VAC	10A		✓	—	2.5A	15A/32V	
ALTV248300ULM	24VAC	12.5A		—	✓	3.5A	15A/32V	5.4A
	28VAC	10A		—	✓	3.5A	15A/32V	
ALTV248300ULCBM	24VAC	12.5A		✓	—	2.5A	15A/32V	5.4A
	28VAC	10A		✓	—	2.5A	15A/32V	
ALTV248600UL	24VAC	25A		—	✓	3.5A	15A/32V	5.4A
	28VAC	20A		—	✓	3.5A	15A/32V	
ALTV248600ULCB	24VAC	25A		✓	—	2.5A	15A/32V	5.4A
	28VAC	20A		✓	—	2.5A	15A/32V	

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.
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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