

ALTV248 Series AC CCTV Power Supplies

Description

Altronix ALTV248 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.



ALTV248300CB

Key Features

- Eight (8) fuse or PTC protected outputs.
- 24VAC or 28VAC supply current.
- Surge protection.
- AC Power LED.
- Power ON/OFF switch (ALTV248 and ALTV248CB).
- Illuminated power disconnect circuit breaker with manual reset for all other models.
- Spare fuses provided (all models with primary and/or secondary fuses).
- CE Approved.
- Lifetime Warranty / Made in the U.S.A.

ALTV248 Series Power Supply Configuration Reference Chart

Altronix Model Number	Output Voltage	Total Output Current (Power)	Number of Outputs	PTC Protected Outputs (auto-resettable)	Fuse Protected Outputs	Output Current (max per output)	Main Fuse Ratings	115VAC, 50/60Hz Input Current
ALTV248	24VAC	4A	8	-	✓	3.5A	5A/250V	0.9A
	28VAC	3.5A		✓	-	2.5A		
ALTV248CB	24VAC	4A		✓	-	2.5A	10A/250V	1.45A
	28VAC	3.5A		-	✓	3.5A		
ALTV248175	24VAC	7.25A		-	✓	3.5A	15A/32V	2.7A
	28VAC	6.25A		✓	-	2.5A		
ALTV248175CB	24VAC	7.25A		-	✓	3.5A	(2) 15A/32V	5.4A
	28VAC	6.25A		✓	-	2.5A		
ALTV248300	24VAC	14A		-	✓	3.5A		
	28VAC	12.5A		✓	-	2.5A		
ALTV248300CB	24VAC	14A		-	✓	3.5A		
	28VAC	12.5A		✓	-	2.5A		
ALTV248300M	24VAC	12.5A		-	✓	3.5A		
	28VAC	10A		✓	-	2.5A		
ALTV248300CBM	24VAC	12.5A		-	✓	3.5A		
	28VAC	10A		✓	-	2.5A		
ALTV248600	24VAC	28A	-	✓	3.5A			
	28VAC	25A	✓	-	2.5A			
ALTV248600CB	24VAC	28A	-	✓	3.5A			
	28VAC	25A	✓	-	2.5A			

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Specifications

Input

Voltage 115VAC, 50/60Hz.
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

CE European Conformity

Physical and Environmental

Dimensions (H x W x D)

ALTV248, ALTV248CB, ALTV248175, and ALTV248175CB:

8.5" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm).

ALTV248300M and ALTV248300CBM:

8.5" x 7.5" x 3.75" (215.9mm x 191mm x 95mm).

ALTV248300 and ALTV248300CB:

12.25" x 7.25" x 4.5" (311.15mm x 184.15mm x 114.3mm).

ALTV248600 and ALTV248600CB:

13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm).

Physical and Environmental (con't)

Product Weight / Shipping (approx.)

Model	Product Weight	Shipping Weight
ALTV248(CB)	6.5 lbs. (2.9 kg)	7 lbs. (3.2 kg)
ALTV248175(CB)	8.5 lbs. (3.9 kg)	9.5 lbs. (4.3 kg)
ALTV248300(CB)M	9.4 lbs. (4.3 kg)	10.4 lbs. (4.7 kg)
ALTV248300(CB)	11.4 lbs. (5.2 kg)	12.4 lbs. (5.6 kg)
ALTV248600(CB)	22.7 lbs. (10.3 kg)	23.7 lbs. (10.8 kg)

Temperature

Operating 0°C to 49°C (32°F to 120°F)

Storage -20°C to 70°C (-4°F to 158°F)

Relative Humidity 85% +/-5%

BTU/Hr. (approx.):

Model	24VAC	28VAC
ALTV248(CB)	49	50
ALTV248175(CB)	89	90
ALTV248300(CB)(M)	154	143
ALTV248600(CB)	344	358