

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

## 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   |