

R2416UL Series

AC CCTV Rack Power Supplies

Altronix R2416UL Series Rack Mount CCTV Power Supplies provide 24VAC or 28VAC distributed via sixteen (16) fuse or PTC protected outputs for powering CCTV cameras, heaters, and other video accessories.



R2416UL

Key Features

- Sixteen (16) fuse or PTC protected outputs
- 24VAC or 28VAC outputs
- Surge protection
- Individual power LED indicators
- Illuminated power disconnect circuit breaker with manual reset
- Removable terminal blocks with locking screw flanges.
- Spare fuses provided (all models with primary and/or secondary fuses)
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

R2416UL Series Power Supply Configuration Reference Chart

Altronix Model Number	115VAC 50/60Hz Input Current	Main Fuse Ratings	Output Voltage (VAC)	Total Output Current (Power)	Number of Outputs	PTC Protected Power-Limited Outputs (auto-resettable)	Fuse Protected Outputs	Output Current (max per output)	
R2416UL	2.9A	3.5A/250V	24VAC	7A	16	-	✓	3.5A	
			28VAC	6A					
R2416ULCB			24VAC	7A		✓	-	2.5A	
			28VAC	6A					
R2416300UL	3A	-	24VAC	12.5A			-	✓	3.5A
			28VAC	10A					
R2416300ULCB			24VAC	12.5A		✓	-	2.5A	
			28VAC	10A					
R2416600UL*	6A		-	24VAC	25A		-	✓	3.5A
				28VAC	20A				
R2416600ULCB				24VAC	25A	✓	-	2.5A	
				28VAC	20A				

*24VAC models: Outputs 1-8 provide 12.5A (300VA) max. Outputs 9-16 provide 12.5A (300VA) max.

*28VAC models: Outputs 1-8 provide 10A (280VA) max. Outputs 9-16 provide 10A (280VA) max.

Lifetime Warranty



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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 Sixteen (16) individual LEDs

Agency Listings

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

Physical and Environmental

2U rack mount chassis for use in standard EIA 19" rack

Dimensions (H x W x D):

Enclosure: 3.26" x 19.125" x 8.5" (83mm x 486mm x 216mm)
Shipping: 20.25" x 12.5" x 7.25" (514.4mm x 317.5mm x 184.2mm)

Weight (approx.):

Model	Product Weight	Shipping Weight
R2416UL(CB)	16.15 lb. (7.33 kg)	17.15 lb. (7.78 kg)
R2416300UL(CB)	17.2 lb. (7.80 kg)	18.2 lb. (8.26 kg)
R2416600UL(CB)	23.0 lb. (10.43 kg)	24.0 lb. (10.89 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
R2416UL(CB)	90	90
R2416300UL(CB)	156	143
R2416600UL(CB)	307	287

Lifetime Warranty