



ALARM SAF

AC POWER SUPPLY LINE (CCTV)



The AlarmSaf UL Listed and CSA Certified, AC Power Supply is a multi-output AC power source providing 24 VAC in configurations from 4 to 48 output zones. This power limited system provides individual outputs, utilizing fuses or circuit breakers for additional overcurrent protection. Unique features include a form "C" common fault relay output per 8 zones and individual LED's to monitor AC presence and fault conditions. Usage of this product is intended for common camera power to minimize ground loops or phasing problems and controlled lock or solenoid power within access control systems.

DIMENSIONS

Cabinet Size

- B02
 - 12"H x 12"W x 4"D, 30.48cm x 30.48cm x 10.16cm
- B04
 - 15"H x 18"W x 4"D, 38.1cm x 45.72cm x 10.16cm

Cabinet Weight

- B02
 - 12 lbs., 5.4 kg max
- B04
 - 33 lbs., 15 kg. max

Cabinet Material

- B02
 - 18 Gauge Steel
- B04
 - 16 Gauge Steel

SPECIFICATIONS

Input Characteristics

- AC Input
 - 120VAC (+10% /-15%), 60Hz., Single Phase

Output Characteristics

- Voltage: 24VAC
- Current: 4 zone @ 900mA per zone
 - 8 to 48 zone @ 450mA per zone
- Overcurrent Protection—Fuse or Circuit Breaker
- Current Limiting Protection—PTC[†]

Visual Indicators

- AC Presence—Green LED
- Individual Zone Fault—Yellow LED

Fault Detection

- Conditions Reported
 - Tripped Input PTC
 - Blown/Missing Zone Protection
- Reporting Method
 - Fail-Safe Form "C" Relay Transfer
 - Contact Ratings: 1A @ 24VDC

Temperature Characteristics

- Operating Temperature Range
 - 0°C to 50°C
 - Humidity 85% @ 30°C

[†] Polyswitch Circuit Protector

FEATURES

- Master On/Off Switch
- Visual Indicators
- Fault Status Reporting
- Key Lockable Cabinet
- **LIFETIME WARRANTY** on PC Board

LISTINGS



- UL Listed, UL2044, Guide DRQH

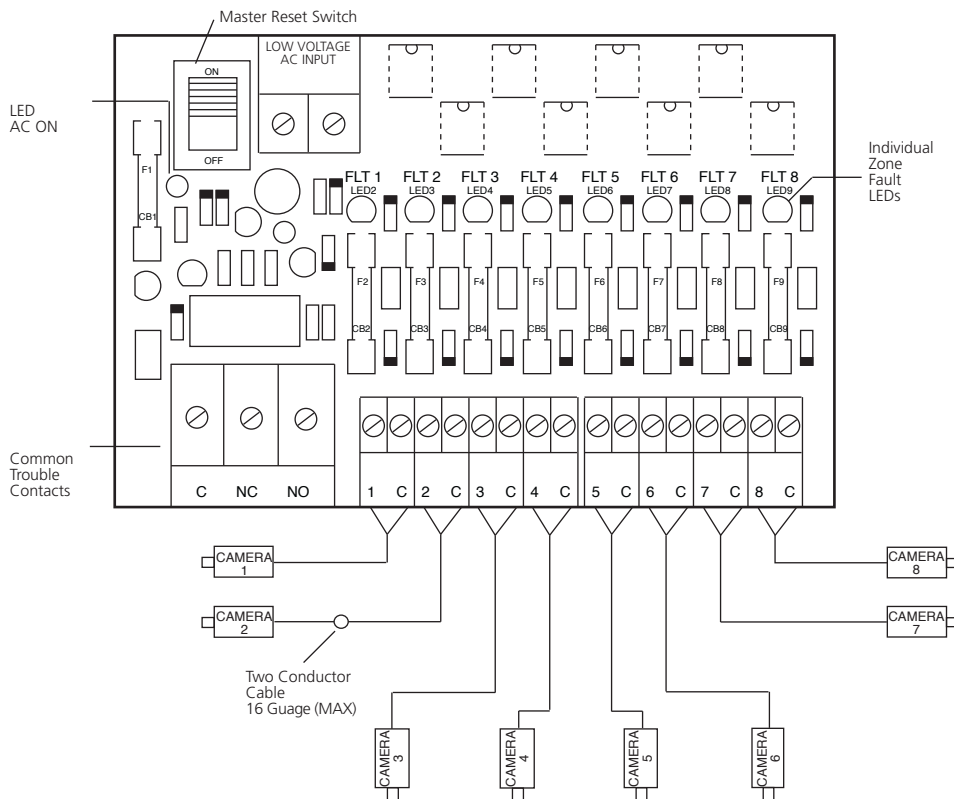


- CSA Certified, C22.2 No 107.1, #LR78083-6

ORDER INFORMATION

Order Number	Model Number	Output Voltage	# of Zones	Zone Output Current	Cabinet	# of Boards in Cabinet	Zone Protection	AC Primary Input Current
02001	TV-4-UL/CSA	24VAC	4	900mA	B02	1	2A Fuse (AGC-2)	1A
02003	TV-8-UL/CSA	24VAC	8	450mA	B02	1	1A Fuse (AGC-1)	1A
02004	TV-8CB-UL/CSA	24VAC	8	450mA	B02	1	1A Circuit Breaker	1A
02005	TV-16-UL/CSA	24VAC	16	450mA	B02	2	1A Fuse (AGC-1)	2A
02006	TV-16CB-UL/CSA	24VAC	16	450mA	B02	2	1A Circuit Breaker	2A
02007	TV-24-UL/CSA	24VAC	24	450mA	B04	3	1A Fuse (AGC-1)	3A
02008	TV-24CB-UL/CSA	24VAC	24	450mA	B04	3	1A Circuit Breaker	3A
02009	TV-32-UL/CSA	24VAC	32	450mA	B04	4	1A Fuse (AGC-1)	4A
02010	TV-32CB-UL/CSA	24VAC	32	450mA	B04	4	1A Circuit Breaker	4A
02011	TV-40-UL/CSA	24VAC	40	450mA	B04	5	1A Fuse (AGC-1)	5A
02012	TV-40CB-UL/CSA	24VAC	40	450mA	B04	5	1A Circuit Breaker	5A
02013	TV-48-UL/CSA	24VAC	48	450mA	B04	6	1A Fuse (AGC-1)	6A
02014	TV-48CB-UL/CSA	24VAC	48	450mA	B04	6	1A Circuit Breaker	6A

TYPICAL HOOKUP



NOTES: for typical hookup, units with greater than 16 zones use multiple boards

- For cabinet mounting information, obtain Cabinet Bulletin
- Each Output is: 450mA @ 24VAC (8 outputs)
900mA @ 24VAC (4 outputs)
- Trouble Relay is Form "C" Common Fault; Fail-Safe Operation
- Relay contacts are rated: 1A @ 24VDC
- Individual zone fault indication



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