

Power supply units for CCTV
Buffer power supplies units for CCTV



BNC series

switch mode multi-output 12VDC

buffer, switch mode multi-output 13.8VDC



BNC
BNC04124
BNC08128



BNC
BNC04124B
BNC08128C

Switch mode multi-output power supply units 12VDC



PSU features:

- supply output 4×1A/12VDC (8×1A/12VDC)*
- output voltage adjustment 12V÷15V DC
- wide range of supply voltage: 176÷264VAC
- high efficiency: 80% (83%)*
- 4 (8) outputs protected with 1A fuses*
- jumper selectable fuse type: fuse or polymer fuse
- voltage control at the AUX1÷AUX4 outputs (AUX8)*
- BNC connectors for connecting the video signal
- LED optical indication
- FPS technical output – indication of the output fuse activation – relay and OC type
- protections:
 - SCP short-circuit protection
 - OVP overvoltage protection
 - Surge protection
 - Antisabotage protection
 - OLP overload protection
- warranty – 2 year from the production date

* depending on the model

Available models:

- BNC04124 – BNC 12V/4x1A switch mode power supply unit for CCTV
- BNC08128 – BNC 12V/8x1A switch mode power supply unit for CCTV

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Switch mode buffer power supply units, multi-output 13.8VDC



PSU features:

- 4×1A/13.8VDC (8×1A/13.8VDC)* uninterruptible power supply
- battery housing for one 7Ah/12V (17Ah/12V)* battery
- wide range of supply voltage: 176÷264VAC
- high efficiency: 80% (83%)*
- battery charging and maintenance control
- deep discharge battery protection (UVP)
- battery charging current: 1A/2A (1A/4A), jumper selectable*
- battery output protection against short circuit and reverse connection
- BNC connectors for connecting the video signal
- Voltage control at the AUX1÷AUX4 (AUX8) outputs
- FPS technical output – indication of the output fuse activation – relay and OC type
- LED optical indication
- protections:
 - SCP short-circuit protection
 - OVP overvoltage protection
 - Surge protection
 - Antisabotage protection
 - OLP overload protection
- warranty – 2 year from the production date

* depending on the model

Available models:

- BNC04124B – BNC 13.8V/4x1A/7Ah buffer, switch mode power supply unit for CCTV
- BNC08128C – BNC 13.8V/8x1A/17Ah buffer, switch mode power supply unit for CCTV

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BNC series

switch mode multi-output 12VDC

buffer, switch mode multi-output 13.8VDC

Switch mode multi-output power supply units 12VDC

Model	BNC04124	BNC08128
Input voltage	176÷264VAC	
Power of the power supply unit	48W	120W
Output voltage	12.5VDC, adjustment 12.0÷15.0VDC	
Output current	4A	8A
Number of outputs	4×1A	8×1A
Security type	Polyswitch or fuse	
Short circuit protection (SCP)	Yes	
Overload protection (OLP)	Yes	
Over voltage protection (OVP)	>16V – automatic return	
Surge protection	Yes – varistors	
Technical outputs: - FPS; output indicating output fuse activation	- OC type, 50mA max., normal status: L (0V) level, failure: hi-Z level (automatic return once the normal operation is restored) - relay type: 1A@ 30VDC / 50VAC, time lag: approx. 10s	
Acoustic operation indication	No	
LED operation indication	LED: DC supply status, failure	
Tamper resistance	Yes – unwanted enclosure opening – microswitch	
Enclosure	Metallic, IP20, surface-mounted, RAL9003	
Dimensions	W=230 H=281 D=116 [mm]	W=316 H=270 D=116 [mm]
Operating conditions	II environmental class -10°C ÷ +40°C	
Warranty	Declarations of compliance: CE, RoHS; 2 year from the production date	

Switch mode buffer power supply units, multi-output 13.8VDC

Model	BNC04124B	BNC08128C
Input voltage	176÷264VAC	
Power of the power supply unit	82.8W	152W
Output voltage	13.8VDC	
Total current	6,0A	11,0A
Output current	4×1.0A / 4×1,0A	8×1.0A / 8×0.87A
Battery charging current	1.0A / 2.0A	1.0A / 4.0A
Fitting battery	7Ah	17Ah
Security type	Polyswitch or fuse	
Short circuit protection (SCP)	Yes	
Overload protection (OLP)	Yes	
Over voltage protection (OVP)	U>115% ÷ 150% – automatic return	
Surge protection	Yes – varistors	
Deep discharge battery protection (UVP)	U<9.5V (± 5%) – disconnect of connection battery	
Battery short circuit protection (SCP)	Yes	
Battery protection against reverse polarity connection	Yes	
Technical outputs: - FPS; output indicating output fuse activation	- OC type, 50mA max., normal status: L (0V) level, failure: hi-Z level (automatic return once the normal operation is restored) - relay type: 1A@ 30VDC / 50VAC, time lag: approx. 10s	
Acoustic operation indication	No	
LED operation indication	LED: DC supply status, failure	
Tamper resistance	Yes – unwanted enclosure opening - microswitch	
Enclosure	Metallic, IP20, surface-mounted, RAL9003	
Dimensions	W=316 H=270 D=116 [mm]	W=300 H=407 D=126 [mm]
Operating conditions	II environmental class -10°C ÷ +40°C	
Notes	The power supply is fitted with a BNC connector for connecting the video signal	
Warranty	Declarations of compliance: CE, RoHS; 2 year from the production date	