

# PSACH series power supply unit

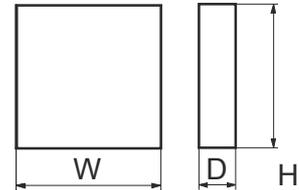
AC power supply 24V AC for up to 4 HD cameras, ABS enclosure



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CODE: **PSACH 04244** v.1.1/VIII

TYPE: **PSACH 24VAC/4A/4x1A** AC power supply for up to 4 HD cameras, ABS enclosure.



## Features:

- the 4x 1A/24V AC or 27V AC power output for powering 4 HD cameras
- power voltage 230V AC
- 4 outputs protected independently by 1A fuses
- jumper selectable fuse type: glass fuse or polymer fuse
- FPS technical output indicating failure
- protections:
  - SCP short-circuit protection
  - OLP overload protection
  - OHP overheat protection
  - against tampering
- IP65 ABS, hermetic enclosure
- warranty – 2 year from the production date

## DESCRIPTION

The AC/AC **PSACH 04244** power supply is designed to supply HD cameras or other devices requiring voltage of **24V AC or 27V AC** and total capacity of **4A@24V AC**. It features 4 outputs protected independently with glass or polymer fuses. Output voltage range is step-adjustable by appropriate jumpers, independently for each AUX output. The PSU is housed in a ABS enclosure that features a microswitch indicating unwanted opening of the front door (faceplate).

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SPECIFICATIONS	
Mains supply	230V AC (-15%/+10%) 50Hz
Current consumption	0,5A max.
Power of the S PSU	100VA max.
Output voltage	U1: 23÷28V AC (100% load ÷ 0% load) U2: 25,5÷31,5V AC (100% load ÷ 0% load)
Output voltage adjustment range	U1/U2 (jumper selectable)
AUX output current	4x 1A $\Sigma$ 4,0A@24V AC max lub 4x0,9A $\Sigma$ 3,7A@27V AC max
Short-circuit protection SCP	4x F 1A glass or 1A polymer fuse - glass fuse damage requires fuse-element replacement
Overload protection OLP	circuit AC 24V: 4x F 1,0A or PTC 1A circuit AC 230V: T 1A
Surge protection	varistors
Overheat protection OHP	inside transformer
Sabotage protection: - TAMPER output indicating enclosure opening	- microswitch, NC contacts (enclosure closed), 0,5A@50V DC (max.)
Technical outputs: - FPS output indicating failure at one of the AUX outputs (fuse activation)	- type OC, 50mA max. normal state: level L (0 V) failure: hi-Z level
LED indication: LEDs L1÷L4 (green)  LED L <sub>FPS</sub> (red)	- AUX1...AUX4 output status correct operation = on failure = off  - failure indication, at min. one AUX outputs correct operation = off failure = on
Operating conditions:	II environmental class, -25 °C÷40 °C
Enclosure:	ABS, IP65, light grey
Dimensions:	160 x 160 x 90 (WxHxD) [mm] (+/- 2)
Net/gross weight:	2,5/2,6 kg
Closing:	Cheese head screw (at the front), lock assembly possible
Declarations, warranty	CE, 2 year from the production date
Notes:	The enclosure has a removable mounting board with the PSU systems.