

# PSDC series power supply unit

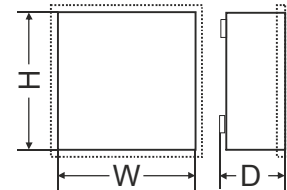
Power supply 12V DC for up to 4 HD cameras



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CODE: **PSDC04122** v.1.2/XI

TYPE: **PSDC 12V/2A/4x0,5A** Power supply for up to 4 HD cameras - PTC/TOPIC



## Features:

- the 4x0,5A/12VDC power output for powering 4 HD cameras
- output voltage adjustment 12V÷15V DC
- 4 outputs, protected with 0,5A fuses
- jumper selectable fuses: glass fuse or polymer fuse
- wide range of supply voltage 85÷264VAC
- high efficiency 75%
- LED indication
- FPS technical output of fuse activation indication
- protections:
  - SCP short-circuit protection
  - OVP over voltage protection
  - surge protection
  - OLP overload protection
  - against tampering
- warranty – 3 year from the production date

## DESCRIPTION

The **PSDC04122** stabilized power supply is designed to supply HD cameras or other devices requiring stabilized voltage of **12V DC**. The output voltage adjustment range is adjusted via a potentiometer within the range of **12V÷15V DC**. The PSU features 4 outputs protected independently by either glass fuses or polymer fuse. A failure (a short circuit) in the output circuit makes a fuse blow or an activation of the polymer fuse and disconnection of the circuit from the DC power supply (+U). The PSU is housed in a metallic enclosure with an indication panel featuring a microswitch indicating unwanted opening of the door (faceplate).

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SPECIFICATIONS	
Power supply	85 ÷ 264V AC
Current consumption	0,3A@230VAC max.
PSU power	30W max.
Efficiency	75%
Output voltage	12V DC
Output current	<b>4x 0,5A or 2x 1A (fuses from the set) ΣI= 2A</b>
Output voltage adjustment range	12V± 15V DC
Ripple voltage	100mV p-p max.
Short-circuit protection SCP	LB4/AW STRIP 4x F 0,5A (fuse) or PTC 0,5A PSU MODULE 105% ÷ 150% of PSU power, electronic current limiting
Overload protection OLP	105% ÷ 150% of PSU power, electronic current limiting
Surge protection	varistors
Surge over voltage protection OVP	>16V (automatic recovery)
Tampering protection system - TAMPER – indicating unwanted opening of the PSU's enclosure	- microswitch, NC contacts (enclosure closed), 0,5A@50V DC (max.)
Technical outputs: - FPS outputs indicating fuse failure (blow), strips LB4/AW (SCP activation)	- OC type, 50mA max, normal status: L level (0V), failure: hi-Z level
LED indication	LEDs
Operating conditions	2nd environmental class, temperature: -10 °C+50 °C, relative humidity 20%...90%, without condensation
Enclosure	Steel plate DC01 0,7mm thick, colour: RAL9003
Dimensions	230 x 167 x 50+8 (WxHxD) [mm] (+/- 2)
Net/gross weight	1,2/1,3 kg
Closing	Cheese-head screw: at the front
Declarations, warranty	CE, 3 year from the production date
Notes	The enclosure does not adjoin the assembly surface so that cables can be led. Convictional cooling.