

PSDCSEP series power supply unit

Power supply 12V DC for up to 4 cameras, adjustable for each channel



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CODE: **PSDCSEP04124** v.1.0/II

TYPE: **PSDCSEP 12V/4A/4x1A/TOPIC** Power supply for up to 4 cameras, adjustable for each channel.



Features:

- the 4x 1A/12V DC power output for powering cameras
- output voltage adjustment 12V÷ 15VDC
- wide range of supply voltage 85÷264VAC
- 4 independent, galvanically separated outputs
- 4 outputs protected independently by 1A fuses
- high efficiency 81%
- protections:
 - SCP short-circuit protection
 - OVP over voltage protection
 - surge protection
 - OLP overload protection
- warranty – 2 year from the production date

DESCRIPTION

The **PSDCSEP04124** stabilized power supply is designed to supply cameras or other devices requiring stabilized voltage of **12V DC**. The power supply has four independently adjustable channels with selectable voltages in the range **12V ÷ 15V DC / 4x1A**, thus compensating voltage drops in large CCTV installations. Power supply outputs are galvanically separated and protected by fuses. A failure (short circuit) in the output circuit will cause the fuse to blow and disconnect the circuit from DC power (+ U).

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SPECIFICATIONS	
Power supply	85 ÷ 264V AC
Current consumption	1A@230V AC max.
PSU power	48W max.
Efficiency	81%
Output voltage	12V DC
Output current	4x 1A ($\Sigma I = 4A$) max. @12V
Output voltage adjustment range	12V÷ 15V DC
Ripple voltage	120mV p-p max.
Short-circuit protection SCP	LB4/SEP STRIP 4x F 1A fuse TOPIK 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	17,25 – 20,25V (automatic recovery)
F1÷ F4 fuses	F 1A/250V
Operating conditions	2nd environmental class, temperature: -10 °C÷40 °C, relative humidity 20%...90%, without condensation
Enclosure	Steel plate DC01 0,7mm thick, colour: RAL9003
Dimensions	205 x 220 x 50+8 (WxHxD) [mm] (+/- 2)
Net/gross weight	2,35/2,55 kg
Closing	Cheese-head screw x 2: (at the front) (lock assembly possible)
Declarations, warranty	CE, RoHS, 2 year from the production date
Notes	The enclosure does not adjoin the assembly surface so that cables can be led. Convictional cooling.