

PSDC/T series power supply unit

Power supply 12V DC for up to 4 HD cameras



CODE: **PSDC04122T** v.1.0/VII
TYPE: **PSDC 12V/2A/4x0,5A/TOPIC** power supply for up to 4 HD cameras

EN



Features:

- the 4x 0,5A/12V DC power output for powering 4 HD cameras
- output voltage adjustment 12V÷15V DC
- 4 outputs, protected with 0,5A fuses
- wide range of supply voltage 85÷264VAC
- high efficiency 74%
- LED indication
- protections:
 - SCP short-circuit protection
 - OVP over voltage protection
 - surge protection
 - OLP overload protection
- warranty – 2 year from the production date

DESCRIPTION

The stabilized PSU **PSDC04122T** 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 glass fuses. 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.

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SPECIFICATIONS	
Power supply	85 ÷ 264V AC
Current consumption	0,18A @230VAC max.
PSU power	25Wmax.
Efficiency	74%
Output voltage	12V DC
Output current	4x 0,5A (Σ I = 2A) max. @12V
Output voltage adjustment range	12V ÷ 15V DC
Ripple voltage	100mV p-p max.
Short-circuit protection SCP	LB4 STRIP 4x F 0,5A fuse PSU MODULE 105% ÷ 150% of PSU power, electronic current limiting
Overload protection OLP	105% ÷ 150% of PSU power, electronic current limiting
Surge protection	varistors
Overvoltage protection OVP	>16V (automatic recovery)
LED indication	LEDs
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	W=230, H=177, D+D ₁ =52+8 [+/- 2 mm] W ₁ =234, H ₁ =181 [+/- 2 mm]
Net/gross weight	1,0/1,1 kg
Closing	Cheese-head screw: at the front
Declarations, warranty	CE, 2 year from the production date
Notes	The enclosure does not adjoin the assembly surface so that cables can be led. Convictional cooling.