

PSDC/T series power supply unit

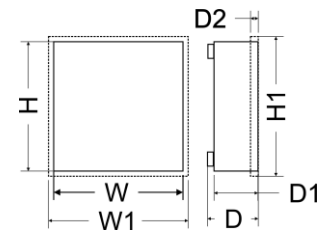
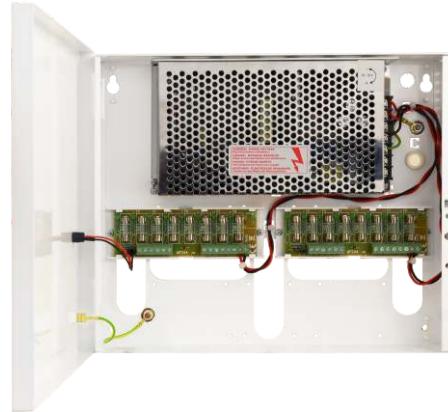
Switched mode power supply 12VDC, multioutput



CODE: **PSDC161212T** v.1.0

EN

TYPE: **PSDC 12V/12A/16x0,8A/TOPIC** switched mode powers supply for **CCTV**



Features:

- supply output 16x 0,8A/12VDC
- output voltage adjustment 12V \div 15VDC
- 16 outputs, protected with 0,8A fuses
- wide range of supply voltage 176 \div 264VAC
- high efficiency 83%
- LED indication
- protections:
 - SCP short-circuit protection
 - OVP over voltage protection
 - surge protection
 - OLP overload protection
- warranty – 1 year from the production date

DESCRIPTION

The stabilized PSU PSDC161212T is intended for supplying CCTV devices requiring stabilised voltage of 12V DC. The output voltage adjustment range is adjusted via a potentiometer within the range of 12,0V \div 15,0V DC. The PSU features 16 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 .

PSDC series power supply unit

Switched mode power supply 12VDC, multioutput



Specifications	
Power supply	176 ÷ 264 V AC
Current consumption	1,1A@230VAC max.
PSU power	150W max.
Efficiency	83%
Output voltage	12 V DC
Output current	16x 0,8A (Σ I = 12A) max. @12V
Output voltage adjustment range	12,0 V± 15,0 V DC
Ripple voltage	100mV p-p max.
Short-circuit protection SCP	LB8 (A,B) STRIP 8x F 0,8A 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 (activation requires disconnecting the load or supply for about 20 s.)
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	290 x 241 x 59 (295 x 246 x 51+8) (WxHxD) [mm] (+/- 2)
Net/gross weight	2,02/2,22 kg
Closing	Cheese-head screw: at the front
Notes	The enclosure does not adjoin the assembly surface, 8 mm distance PSU cooling: convectional