

PSDC/T series power supply unit

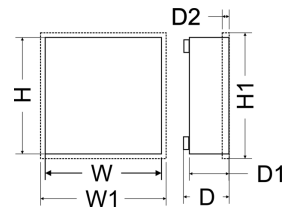
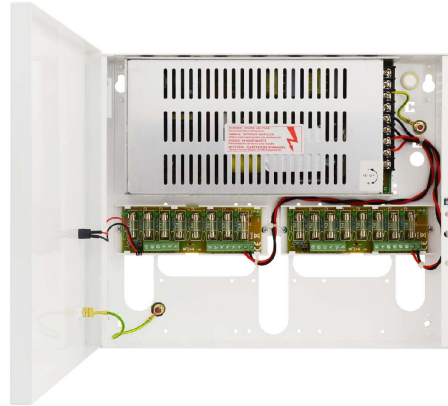
Switched mode power supply 12VDC, multi-output



CODE: **PSDC161216T** v.1.0/III

EN

TYPE: **PSDC 12V/16A/16x1A/TOPIC** switched mode powers supply for CCTV



Features:

- supply output 16x 1A/12VDC
- output voltage adjustment 12V± 15VDC
- 16 outputs, protected with 1A fuses
- wide range of supply voltage 176÷264VAC
- high efficiency 85%
- 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 **PSDC161216T** 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±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 .

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SPECIFICATIONS	
Power supply	176 ÷ 264 V AC
Current consumption	1,36A@230VAC max.
PSU power	200W max.
Efficiency	85%
Output voltage	12 V DC
Output current	16x 1A (Σ I = 16A) 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 16x F 1A fuse PSU MODULE 105% ÷ 150% of PSU power, electronic current limiting
Overload protection OLP	105% ÷ 150% of PSU power, electronic current limiting
Overload protection OLP	varistors
Surge protection	>16V (automatic recovery)
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 51+8 (WxHxD) [mm] (+/- 2)
Net/gross weight	2,16/2,36 kg
Closing	Cheese-head screw: at the front
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.