

PSDC/T series power supply unit

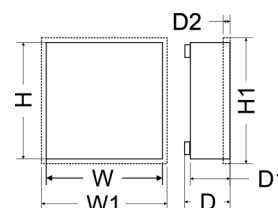
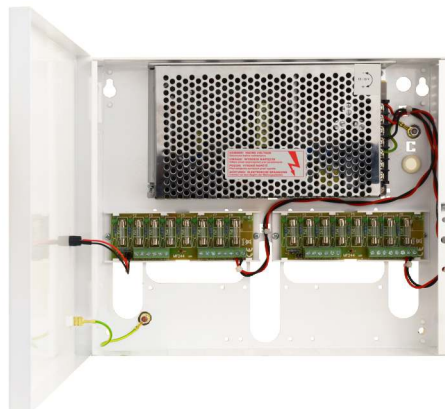
Power supply 12V DC for up to 16 analog cameras



CODE: **PSDC161212T** v.1.0/IV

EN

TYPE: **PSDC 12V/12A/16x0,8A/TOPIC** power supply for up to 16 analog cameras



Features:

- the 16x 0,8A/12VDC power output for powering analog cameras
- output voltage adjustment 12V÷ 15VDC
- 16 outputs, protected with 0,8A fuses
- wide range of supply voltage 176÷264VAC
- high efficiency 83%
- 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 **PSDC161212T** stabilized power supply is designed to supply analog 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 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 | 1,1A@230VAC max. |
| PSU power | 150W max. |
| Efficiency | 83% |
| Output voltage | 12V DC |
| Output current | 16x 0,8A (Σ I = 12A) max. @12V |
| Output voltage adjustment range | 12V÷ 15V DC |
| Ripple voltage | 100mV p-p max. |
| Short-circuit protection SCP | LB8 (A,B) STRIP 16x 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 51+8 (WxHxD) [mm] (+/- 2) |
| Net/gross weight | 2,02 / 2,22 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. |