

# PSDC/T series power supply unit

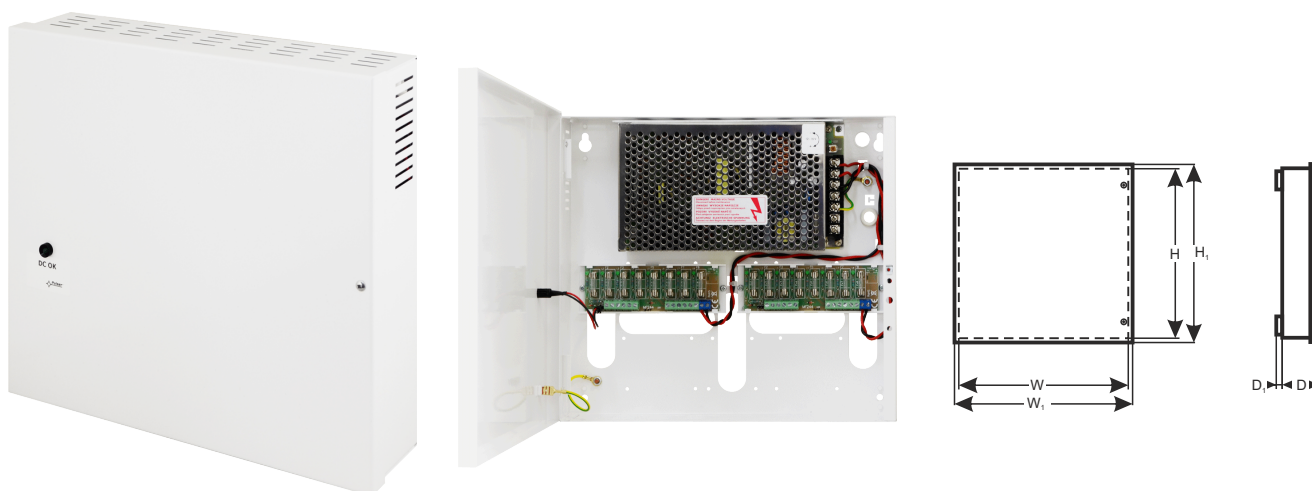
## Power supply 12V DC for up to 16 HD cameras



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CODE: **PSDC161212T** v.1.1/V1

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



### Features:

- the 16x0,8A/12VDC power output for powering 16 HD cameras
- output voltage adjustment 12V÷15V DC
- 16 outputs, protected with 0,8A fuses
- wide range of supply voltage 176÷264V AC
- 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 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 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 ÷ 264V AC  |
| Current consumption             | 1,1A@230VAC max.   |
| PSU power                       | 150W max.  |
| Efficiency                      | 83%  |
| Output voltage                  | 12V DC   |
| Output current                  | <b>16x 0,8A (Σ I = 12A) max. @12V</b>  |
| Output voltage adjustment range | 12V÷15V DC   |
| Ripple voltage                  | 100mV p-p max.   |
| Short-circuit protection SCP    | LB8 (A, B) STRIP<br>16x F 0,8A fuse<br>PSU MODULE<br>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÷40 °C, relative humidity 20%...90%, without condensation      |
| Enclosure                       | Steel plate DC01 0,7mm thick, colour: RAL9003  |
| Dimensions                      | W=290, H=256, D+D <sub>1</sub> =52+8 [+/- 2 mm]<br>W <sub>1</sub> =294, H <sub>1</sub> =260 [+/- 2 mm]     |
| Net/gross weight                | 2,0 / 2,2 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.<br>Convictional cooling.     |