

PSDCS series power supply unit

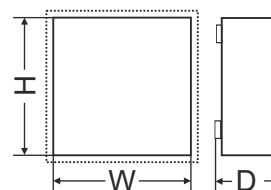
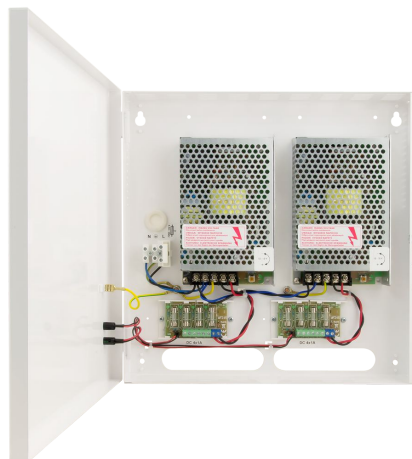
Two-section power supply for up to 8 HD cameras (2x4)



CODE: **PSDCS08128** v.1.0/1

EN**

TYPE: **PSDCS 12V/8A/8x1A/TOPIC** Two-section power supply for up to 8 HD cameras (2x4)



Features:

- the 8x1A/12V DC power output for powering 8 HD cameras
- two independent, galvanically isolated power sections
- the output voltage can be adjusted in the range 12V ÷ 15V DC separately for each section
- 8 outputs protected with 1A fuses
- wide range of supply voltage 176÷264VAC
- high efficiency 80%
- 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 **PSDCS08128** stabilized power supply is designed to supply HD cameras or other devices requiring stabilized voltage of **12V DC**. The power supply unit features 8 outputs divided into two independent, galvanically isolated power sections. The output voltage of all power supply sections can be independently adjusted by a potentiometer in the range **12V ÷ 15V DC**. The outputs are independently protected by melting fuses. A failure (a short circuit) in the output circuit makes a fuse blow and disconnection of the circuit from the DC power supply (+U). The PSU is housed in a metallic enclosure with an indication panel featuring.

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SPECIFICATIONS	
Supply voltage	176 ÷ 264V AC
Current consumption	1A@230VAC max.
PSU power	96W max.
Efficiency	80%
Output voltage	12V DC
Output current	8x 1A ($\Sigma I = 8A$) max.@12V
Output voltage adjustment range	12V±15V DC
Ripple voltage	100mV p-p max.
Short-circuit protection SCP	LB4 (A, B) STRIP 8x F 1A fuse PSU MODULE 105% ÷ 150% of PSU power, electronic current limiting
Overload protection OLP	105% ÷ 150% of PSU power, electronic current limiting
Surge over voltage protection OVP	>16V (automatic recovery)
LED indication	LEDs
Operating conditions	1nd environmental class, temperature: -10 °C÷40 °C
Enclosure	Steel plate DC01 0,7mm thick, colour: RAL9003
Dimensions	300 x 301 x 52+8 (WxHxD) [mm] (+/- 2)
Net/gross weight	2,4/2,6 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.