

CODE: **HPDCSEP** v.1.0/I  
NAME: **HPDCSEP 12V/4A/4x1A** power supply with 4 separated outputs

**EN**



#### Features:

- Supply voltage ~100 - 240 V
- Power supply output **4x 12VDC/1A**
- high efficiency (**up to 82%**)
- 4 independent, **galvanic isolated outputs**
- independent output voltage adjustment **12 – 15 V DC**
- 4 **independent outputs protected by 1A fuses**
- LED optical indication
- protections:
  - SCP short circuit protection
  - OVP overvoltage protection
  - surge protection
  - OLP overload protection
  - antisabotage protection: unwanted enclosure opening
- warranty – 2 years from production date

#### DESCRIPTION

The **HPDCSEP-12V4x1A** stabilised power supply is intended for supplying power to cameras or other devices that require stabilised voltage of **12 V DC**. The PSU has **4 independent** outputs with voltage adjustment within the range of 12-15V DC/4x1A, ensuring compensation of voltage drops in CCTV installations. The outputs of the PSU are galvanic separated and protected with fuses. A failure (a short circuit) in the output circuit makes a fuse blow and disconnects the circuit from the DC power supply (+U). The PSU is mounted inside a metal enclosure equipped with a microswitch indicating unwanted opening of the door (lid).

#### DISPLAYING PARAMETERS OF THE POWER SUPPLY:

Model	Number of outputs	Output voltage AUX	Output current
HPDCSEP-12V4x1A	4	12 V (12 – 15 V)	4x 1 A

TECHNICAL DATA	HPSPDC-12V4x1A
Power supply:	~ 100 – 240 V; 1A; 50/60 Hz
Inrush current:	40 A
PSU power:	48 W max.
Output current:	4x 1 A
Efficiency:	82%
Output voltage (factory settings):	12 V DC
Adjustment range $U_{AUX}$ :	independent for each output: 12 – 15 V DC
Ripple voltage:	50mV p-p max.
Short circuit protection (SCP):	4x F 1A glass fuse fast blow
Overload protection (OLP):	105 – 150% PSU power, automatically recovered
Surge protection:	varistor
Over voltage protection (OVP):	>19V (triggering automatic return)
Protection in 230V circuit:	glass fuse T5A
LED operation indication:	- LEDs on PCB of power supply unit: The green L1...L4 LEDs indicate the power supply status on the outputs: AUX1...AUX4
Operating conditions:	Temperature: -10°C ÷ +40°C relative humidity 20%...90%, without condensation
Protection class EN 62368-1:	I (first)
Storage temperature:	-20°C...+60°C
Vibrations and impulse waves during transport:	According to PN-83/T-42106
Enclosure:	Steel sheet DC01, 0.7mm, color RAL 9003
Closing:	Cheese head screw (at the front), (lock assembly possible)
Declarations, warranty :	CE, UKCA, 2 years from production date
Notes:	Convictional cooling