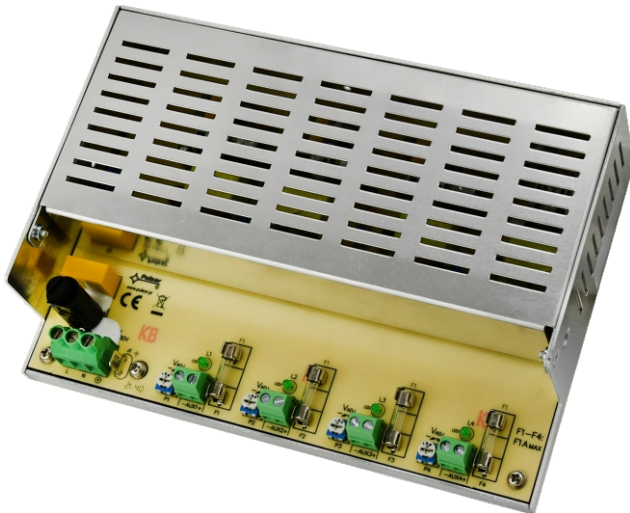


CODE: **PSDCSEP** v.1.0/I

EN

NAME: **PSDCSEP 12V/4A/4x1A** power supply with 4 separated outputs



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
 - optional equipment: mounting plate DIN4
 - LED optical indication
 - protections:
 - SCP short circuit protection
 - OVP overvoltage protection
 - surge protection
 - OLP overload protection
 - warranty – 2 years from production date
-

OPIS

PSDCSEP-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 **12-15VDC/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).

DISPLAYING PARAMETERS OF THE POWER SUPPLY:

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

TECHNICAL DATA	PSDC-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:	varistors
Over voltage protection (OVP):	>19V (triggering automatic return)
Protection in 230 V 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
optional equipment:	mounting plate DIN4
Declarations, warranty:	CE, UKCA, 2 years from production date
Notes:	Convictional cooling