



**PSC12010 12V/1A/55MM**  
**switch mode power supply**  
**PSC12010**

EN



Edition: 1st from 17.12.2010  
Supercedes edition: \_\_\_\_\_

## 1. Technical description.

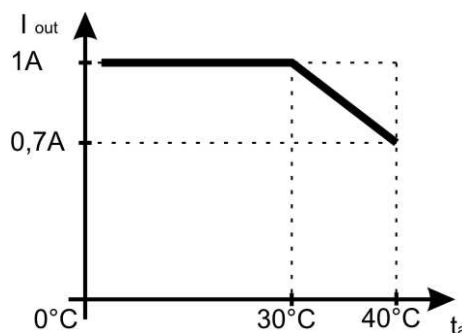
### 1.1. General description.

Stabilised DC power supply is intended for cameras installed in CCTV industrial systems. Power supply can be assembled in intalations box or fitted with 3mm screws. The unit is protected against short-circuit and overload.

### 1.2. Technical parameters.

Dimensions (L x W x H)	50 x 48 x 25 mm
Net/Gross weight	0,095 kg/0,125kg
230V AC Cable length	120mm
DC Cable length	90mm
Assembly	2x screws 3mm
Supply voltage	100 V ÷ 240 V AC 50/60 Hz
Output power	12W <sub>MAX</sub>
Output voltage	12 V DC
Maximum output current for ta<30°C	1000mA*
Maximum output current for ta=40°C	700mA*
Short circuit protection SCP / overload protection OLP	Yes
Operation status indication	No
Operation conditions	0°C ÷ 40°C , relative humidity 10 ÷ 90 %,

\* - output current of the power supply unit depending on ambient temperature. For temperature above 30°C maximum output current is limited according to graph 1. The power supply operation life time is limited by reliability of the electrolyte capacitors which strongly depends of an operation temperature. Avoid excessive temperature rise of the power supply!



Graph 1 Relation between output current and ambient temperature.

## 2. Installation.

### 2.1. Requirements.

The adapter shall be mounted by the qualified installer having appropriate (required and necessary for a given country) permissions and qualifications for connecting (operating) low-voltage installations. The unit shall be

mounted in closed rooms, according to the environment class II, of the normal air humidity (RH=90% max. without condensation) and the temperature within the range from 0°C to +40°C.

The adapter shall be mounted in a close casing (a cubicle, a terminal device) and in order to fulfill LVD and EMC requirements the rules for power-supply, encasing and shielding shall be observed according to application.

## 2.2. Installation procedure.

- 2.2.1. Fit power supply inside the box or other device
- 2.2.2. Connect the DC output to the load or to the terminal block
- 2.2.3. Connect the power supply unit to the AC line.
- 2.2.3. After tests and operation control are performed, close installation box, case etc. and switch on the power (230V AC)

## 3. Maintenance.

The adapter does not require any specific maintenance procedures, however, in the case of significant level of dust, it should be cleaned with the compressed air.



## WEEE designation

**The waste electric and electronic equipment worn out may not be disposed of together with standard household waste. According to the WEEE directive, applicable in the EU, the separate neutralization methods should be used for electric and electronic equipment.**

### THE GENERAL WARRANTY CONDITIONS

1. Pulsar K. Bogusz, Particular Partnership (the manufacturer) provides a one-year quality warranty for devices, as from the purchase date placed on a purchase proof.
2. The warranty includes free repair or replace for a functional equivalent (the selection is performed by the manufacturer) of a non-operational device due to reasons dependent on the manufacturer, including production and material defects, as far as defects are notified within the warranty period (item 1 and 2).
3. The equipment subject to warranty shall be provided to the point, where it has been purchased or directly to the place of business.
4. The complete devices are subject to warranty, and the sort of defect shall be described in written in a correctly fulfilled claim notification.
5. If a claim is accepted, the manufacturer is obliged to perform warranty repairs as soon as possible, but no later than 14 working days since the device is provided to the service of the manufacturer.
6. The repair period specified in item 5 can be extended, if there are no technical opportunities to perform the repair or the equipment is conditionally accepted by the service due to non-compliance of the warranty conditions by the person lodging a claim.
7. All service actions related to warranty are performed exclusively at the service of the manufacturer.
8. The warranty does not include the following defects of the device due to:
  - manufacturer-independent reasons,
  - mechanical defects,
  - improper storage and transport,
  - operation contrary to the instruction manual or purpose of the device,
  - emergencies, including atmospheric discharges, failures of the power network, fire, flood, effect of high temperature and chemical agents,
  - improper installation and configuration (contrary to the instruction manual)
9. The loss of rights resulting from the warranty always occurs, if it is confirmed that construction changes have been performed or repairs have not been performed at the service of the manufacturer, or if serial numbers or warranty labels of the device are somehow replaced or damaged.
10. The responsibility of the manufacturer towards the purchaser is limited to the value of the device determined according to the wholesale price from the purchase day suggested by the manufacturer.
11. The manufacturer does not bear any responsibility for damages resulting from failure, faulty operation or inability to use the device, particularly if it results from non-compliance with advices and requirements included in the instruction manual or contrary to purpose of the device.

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