CODE: **PSC12010**  v1.0/IX  **EN***

TYPE: **PSC 12V/1A/55MM switch mode power supply**

## Features:

- power output 1A/12VDC*
- universal AC voltage range 90÷264V
- high efficiency 78%
- standby power <0,3W
- efficiency class: V

- IP 67 enclosure
- protections:
  - short-circuit protection SCP
  - surge protection (AC input)
  - overload protection OLP
- warranty – 2 year from the production date

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## DESCRIPTION

The PSU is intended for 230V AC mains supply to CCTV cameras that require stabilised voltage of **12V DC.** The unit is protected against a short circuit and an overload and a surge.

## SPECIFICATIONS

| | |
|---|---|
| Supply voltage | 90 ÷ 264V AC 50÷60Hz |
| Current consumption | 0,13A@230VAC max. |
| Supply power | 12W max. |
| Efficiency | 78% |
| Output voltage | 12VDC |
| **Output current $t_{AMB}$<30°C** | **1A instantaneous current - refer to graph 1.** |
| **Output current $t_{AMB}$=40°C** | **0,7A - refer to graph 1.** |
| Ripple voltage | 100mV p-p max. |
| Short-circuit protection SCP | electronic, automatic recovery |
| Overload protection OLP | 105-150% of power supply, automatic recovery |
| Overvoltage protection | varistor (AC input) |
| IP protection class | IP67 |
| Operation conditions | temperature 0 °C÷40 °C relative humidity 20%...90% |
| Dimensions (LxWxH) | 50 x 48 x 25 [mm] |
| Net/gross weight | 0,09kg / 0,125kg |
| Protection class PN-EN 60950-1:2007 | II (second) |
| Lenght of DC cable | 0,5 m + plug DC5,5/2,1 female |
| Lenght of AC cable | 0,3 m |
| Storage temperature | -20ºC...+60ºC |

* In order to extend the life of the power supply, the load current of 0,7A is recommended.
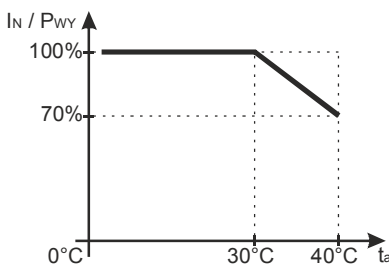
Chart 1.
Relation between output current and ambient temperature (instantaneous load).
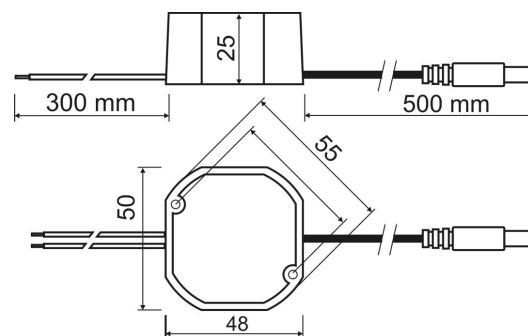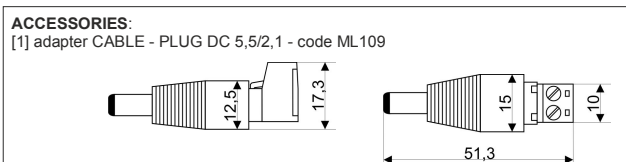
Fig.1 Mechanical view and dimensions of the PSU.

## ACCESSORIES

ACCESSORIES:
[1] adapter CABLE - PLUG DC 5,5/2,1 - code ML109

Available accessories for the power supplies are: fuse blocks and cable adapters. For details – visit www.pulsar.pl

* Refer to graph 1