

CODE: **PSD12010** v2.0/X  
NAME: **PSD 12V/1A Desktop type power supply for CCTV**

EN

### Features of power supply:

- power output 1 A/12 V DC\*
- universal AC input voltage range ~100 – 240 V
- high efficiency 84%
- LED optical signalisation
- standby power <0,1 W
- efficiency level: VI
- protections:
  - SCP short-circuit protection
  - overvoltage protection (AC input)
  - overload (OLP)
- warranty – 2 years



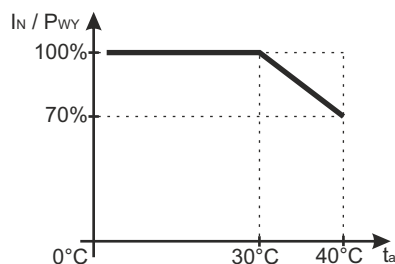
### DESCRIPTION

Stabilized DC power supply is intended for supply CCTV cameras that require stabilised voltage of **12 V DC**. The unit has a cable with a DC5.5/2.1 plug. When connected to fuse blocks of the LB4/xx/xx or LB8/xx/xx family, the power supply unit can feed more cameras (max. 4 or 8). The unit is protected against short-circuit and overload.

### SPECIFICATIONS

Supply voltage	~100 - 240 V; 50/60 Hz
Current consumption	0,3 A
Supply power	12 W max.
Efficiency (average)	84%
Efficiency (10% load)	79%
Output voltage	12 V DC
Output current $t_{AMB} < 30^{\circ}C$	<b>1 A - refer to graph 1.</b>
Output current $t_{AMB} = 40^{\circ}C$	<b>0,7 A - refer to graph 1.</b>
Ripple voltage	100 mV p-p max.
Short-circuit protection SCP	electronic, automatic recovery
Overload protection OLP	105-150% of power supply, automatic recovery
Optical signalisation	LED – presence of DC voltage
Operating conditions	Temperature: $0^{\circ}C - +40^{\circ}C$ , relative humidity 20%...90%, without condensation
Dimensions (LxWxH)	64 x 36 (52) x 27 [mm]
Net/gross weight	0,12 / 0,15 [kg]
Protection class EN 62368-1	II (second)
Length of DC cable	1,45m + plug DC5,5/2,1 female
Length of AC cable	1,15m + mains plug
Storage temperature	$-20^{\circ}C \dots +60^{\circ}C$

\* In order to extend the life of the power supply, the load current of 0,7A is recommended.



Graph 1.  
Relation between output current and ambient temperature (instantaneous load).

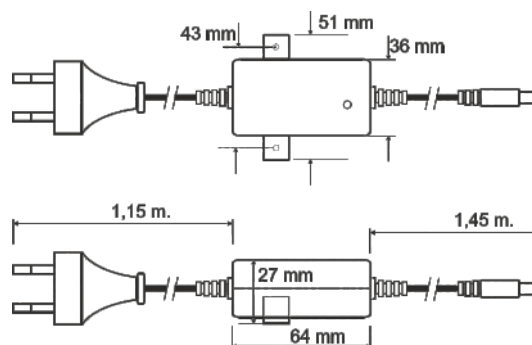
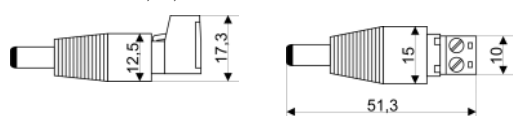


Fig.1 Dimension of power supply.

### ACCESORIES

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



For power supplies are available accessories - fuse blocks and cable adapter. For details –visit [www.pulsar.pl](http://www.pulsar.pl).

\* Refer to graph 1

