

CODE: **PSD12020** v2.0/X
 NAME: **PSD 12V/2A Desktop type power supply for CCTV**

EN

Features of power supply:

- power output 2 A/12 V DC*
- universal AC input voltage range ~100 – 240 V
- high efficiency 88%
- 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 from production date



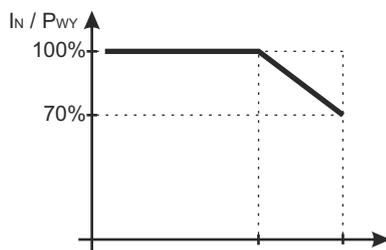
DESCRIPTION

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 | 0,6 A |
| Supply power | 24 W max. |
| Efficiency (average) | 88% |
| Efficiency (10% load) | 84% |
| Output voltage | 12 V DC |
| Output current $t_{AMB} < 30^{\circ}C$ | 2 A - refer to graph 1. |
| Output current $t_{AMB} = 40^{\circ}C$ | 1,4 A - refer to graph 1. |
| 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°C – +40°C, relative humidity 20%...90%, without condensation |
| Dimensions (LxWxH) | 86 x 72 (50) x32 [mm] |
| Net/gross weight | 0,21 / 0,24 [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°C...+60°C |

* In order to extend the life of the power supply, the load current of 1,4 A is recommended.



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

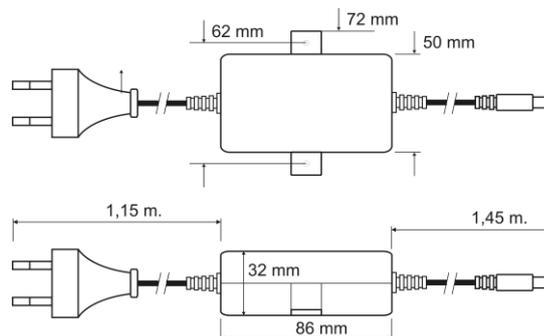
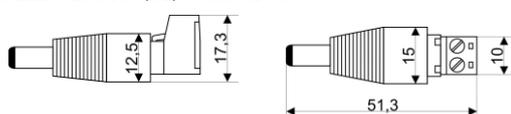


Fig.1 Dimension of power supply.

ACCESSORIES

ACCESSORIES :
 [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.

* Refer to graph 1