PSD series power supply

Desktop type power supply 12 V DC



EN

CODE: **PSD12070** v2.0/XII

NAME: PSD 12V/7A Desktop type power supply for CCTV

Features of power supply:

- power output 7 A / 12 V DC*
- universal AC input voltage range ~100 - 240 V
- high efficiency 90%
- · LED optical signalisation
- standby power <0,21 W
- · efficiency level: VI
- protections:
 - · SCP short-circuit protection
 - · overvoltage protection (AC input)
 - overload (OLP)
- warranty 2 years



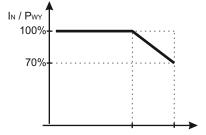
DESCRIPTION

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

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Supply voltage	~100 - 240 V; 50/60 Hz
Current consumption	1,5 A
Supply power	84 W max.
Efficiency (average)	90%
Efficiency (10% load)	90%
Output voltage	12 V DC
Output current t _{AMB} <30°C	7 A - refer to graph 1.
Output current t _{AMB} =40°C	5 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)	175 x 72 (100) x 45 [mm]
Net/gross weight	0,48 / 0,55 [kg]
Protection class EN 62368-1	II (second)
Length of DC cable	1,45m + plug DC5,5/2,1 female
Length of AC cable	1,25m + mains plug
Storage temperatu	-20°C+60°C

^{*} In order to extend the life of the power supply, the load current of 5 A is recommended.

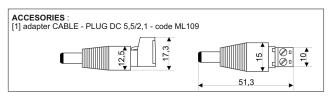


Graph 1. Relation between output current and ambient temperature (instantaneous load).

100 mm 72 mm 10000—/ — con 1,45 m.

Fig.1 Dimension of power supply.

ACCESORIES



For power supplies are available accessories - fuse blocks and cable adapter. For details -visit www.pulsar.pl.

^{*} Refer to graph 1







