

PSD series power supply

Switch mode power supply 12VDC, desktop



CODE: **PSD12010**
 TYPE: **PSD 12V/1A switch mode power supply desktop for CCTV**

EN

Features of the power supply unit:

- power output 1A/12VDC
- universal AC input voltage range 90÷264V
- high efficiency 80%
- LED optical signalisation
- standby power <0,3W
- efficiency level: V
- protections:
 - SCP short-circuit protection
 - overvoltage protection (AC input)
 - overload (OLP)

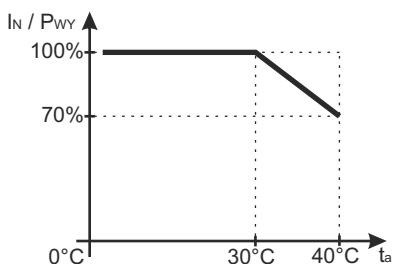


DESCRIPTION

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.

TECHNICAL DATA

Supply voltage	90 ÷ 264 V AC 50+60Hz
Current consumption	0,125A@230VAC max.
Supply power	12W max.
Efficiency	80%
Output voltage	12V DC
Output current	1,0 A
Output current $t_{AMB}<30^{\circ}C$	1,0 A - refer to graph.1
Output current $t_{AMB}=40^{\circ}C$	0,7 A - 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
Optical signalisation	LED – presence of DC voltage
Operation conditions	temperature $0^{\circ}C+40^{\circ}C$ relative humidity 20%...90%, without condensation
Dimensions (LxWxH)	65 x 36 (56) x30 [mm]
Net/gross weight	0,13kg / 0,15kg
Protection class PN-EN 60950-1:2007	II (second)
Lenght of DC cable	1,45m + plug DC5,5/2,1 female
Lenght of AC cable	1,15m + mains plug
Storage temperature	-20°C...+60°C



Graph 1.
Relation between output current and ambient temperature.

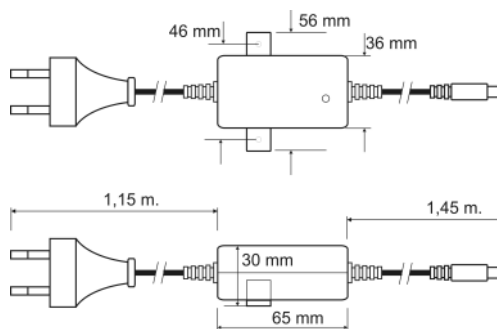
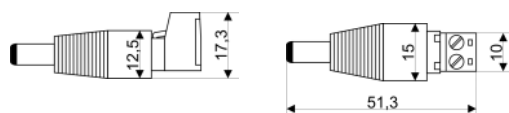


Fig.1
Dimension of power supply.

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.