

Switch mode power supply 12VDC, adapter

CODE: **PSA12015**
TYPE: **PSA 12V/1,5A switch mode power supply adapter for CCTV**

Features of the power supply unit:

- power output 1,5A.12VDC
- universal AC input voltage range 90÷264V
- high efficiency 81%
- LED optical signalisation
- standby power <0,3W
- efficiency level: V
- protections:
 - SCP short-circuit protection
 - overvoltage protection (AC input)
 - overload (OLP)

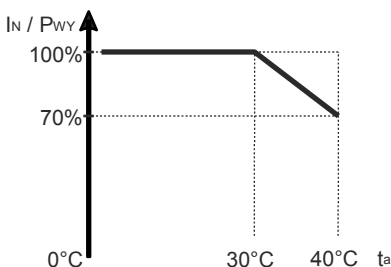


DESCRIPTION

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	0.16A@230VAC max.
Supply power	18W max.
Efficiency	81%
Output voltage	12V DC
Output current	1.5 A
Output current t _{AMB} <30°C	1.5 A - refer to graph.1
Output current t _{AMB} =40°C	1.0 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 °C÷40 °C relative humidity 20%...90% without condensation
Dimensions (LxWxH)	71 x 46 x 68 [mm]
Net/gross weight	0.10kg / 0.12kg
Protection class PN-EN 60950-1:2007	II (second)
Length of DC cable	1.45m + plug DC5.5/2.1 female
Storage temperature	-20°C...+60°C



Graph 1.
Relation between output current and ambient temperature.

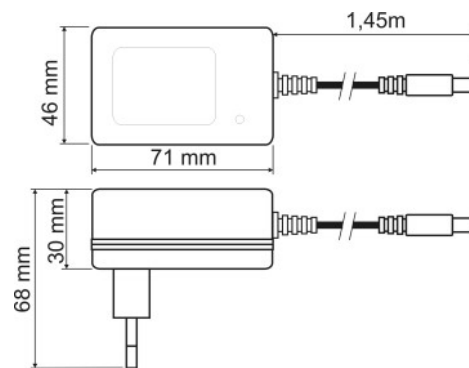
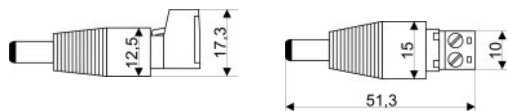


Fig.1
Dimension of power supply.

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.