

CODE: **PSR12012** EN/V
 TYPE: **PSR 12V±15V/1,2A** switch mode power supply desktop for CCTV

Features of the power supply unit:

- power output 1,2 A/12 V DC*
- universal AC input voltage range 90÷264 V
- high efficiency 80%
- LED optical signalisation
- standby power <0,3W
- efficiency level: V
- protections:
 - SCP short-circuit protection
 - overvoltage protection (AC input)
 - overload (OLP)
- warranty – 2 year from the production date



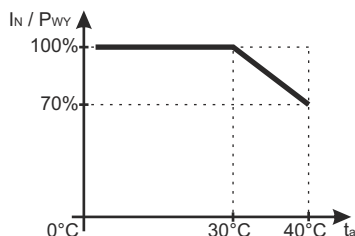
DESCRIPTION

Stabilized DC power supply is intended for supply CCTV cameras that require stabilised voltage of **12 V DC**. The design enables simple changing of the output voltage, within the range of **12 V-15 V DC**, using a potentiometer. 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 power supply unit is protected against short-circuit, overload and overvoltage.

SPECIFICATIONS.

Supply voltage	90 ÷ 264 V AC 50÷60Hz
Current consumption	0,16 A@ 230 V max.
Supply power	14,4 W max.
Efficiency	80%
Output voltage	12 V DC
Output current $t_{AMB}<30^{\circ}C$	1,2 A - refer to graph 1.
Output current $t_{AMB}=40^{\circ}C$	0,8 A - refer to graph 1.
Voltage adjustment range	12 ÷ 15 V DC
Ripple voltage	100mV p-p max.
Short-circuit protection SCP	electronic, automatic recovery
Overload protection OLP	150-200% of power supply, automatic recovery
Optical signalisation	LED – presence of DC voltage
Operation conditions	temperature $-10^{\circ}C+40^{\circ}C$ relative humidity 20%...90%, without condensation
Dimensions (LxWxH)	78 x 48 x 35 (41,5) [mm]
Net/gross weight	0,18kg / 0,22kg
Protection class PN-EN 60950-1:2007	II (second)
Length of DC cable	1,45m + plug DC5,5/2,1 female
Length of AC cable	1,15m + mains plug
Storage temperature	$-20^{\circ}C...+60^{\circ}C$

* In order to extend the life of the power supply, the load current of 0,8 A is recommended.



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

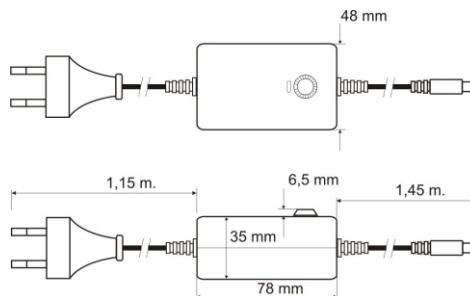
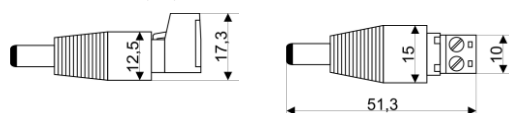


Fig.1 Dimension of power supply.

ACCESSORIES

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



For power supplies are available accessories - cable adapter.
For details –visit www.pulsar.pl.

* Refer to graph 1