

# PSD series power supply

## Desktop type power supply 15V DC

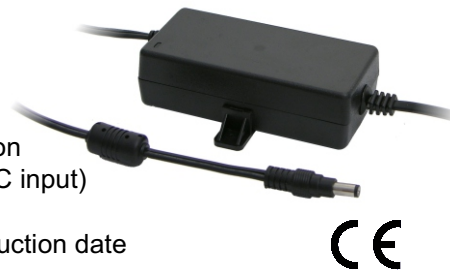


CODE: **PSD15040** v1.0/VI  
 TYPE: **PSD 15V/4A Desktop type power supply for CCTV**

EN

### Features of the power supply:

- power output 4A/15VDC\*
- universal AC input voltage range 90÷264V
- high efficiency 87%
- 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



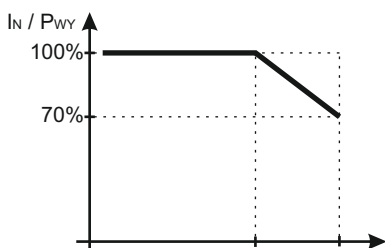
### DESCRIPTION

Stabilized DC power supply is intended for supply cameras that require stabilised voltage of **15V 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 equipments (max. 4 or 8). The power supply unit is protected against short-circuit, overload and overvoltage.

### SPECIFICATIONS

Supply voltage	90 ÷ 264V AC 50÷60Hz
Current consumption	0,55A@230V AC max.
Supply power	60W max.
Efficiency	87%
Output voltage	15V DC
Output current $t_{AMB}<30^{\circ}C$	4A - refer to graph 1.
Output current $t_{AMB}=40^{\circ}C$	2,8A - refer to graph 1.
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)	116 x 54 (80) x35 [mm]
Net/gross weight	0,29kg / 0,34kg
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 2,8A is recommended.



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

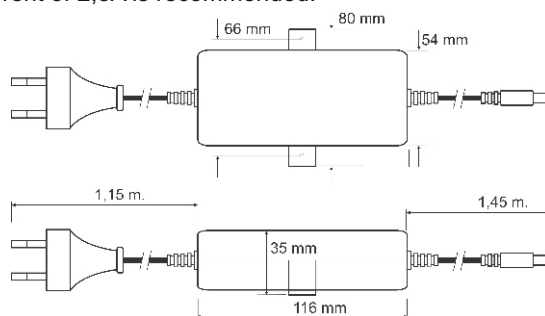
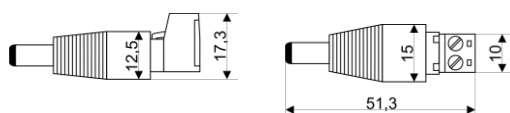


Fig.1 Dimension of power supply.

### 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](http://www.pulsar.pl).

\* Refer to graph 1