

PSC series power supply

Switch mode power supply unit 12 V DC, IP67

®

CODE: **PSC12015** v2.0/X
 NAME: **PSC 12V/1,5A/66MM** switch mode power supply unit

EN

Features of the power supply:

- power output 1,5 A/12 V DC *
- universal supply voltage range ~100-240 V
- high efficiency 87%
- standby power <0,1 W
- efficiency level: VI
- IP67 case
- protections:
 - SCP short-circuit protection
 - overvoltage protection (AC input)
 - overload (OLP)
- warranty – 2 year from the production date



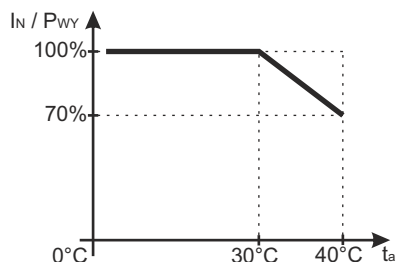
DESCRIPTION

Stabilized DC power supply is intended for supply CCTV cameras that require stabilised voltage of 12 V DC. The unit is protected against short-circuit and overload.

TECHNICAL DATA

Supply voltage	~100-240 V; 50/60 Hz
Current consumption	0,4 A
Supply power	18 W max.
Efficiency (average)	87%
Efficiency (10% load)	82%
Output voltage	12 V DC
Output current $t_{AMB}<30^{\circ}C$	1,5 A instantaneous current - refer to graph 1.
Output current $t_{AMB}=40^{\circ}C$	1 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
Overvoltage protection	varistor (AC input)
IP protection class	IP67
Operation conditions	temperature $0^{\circ}C + 40^{\circ}C$ relative humidity 20%...90%
Dimensions (LxWxH)	58 x 58 x 28 [mm]
Net/gross weight	0,16 / 0,19 [kg]
Protection class EN 62368-1	II (second)
Length of DC cable	0,5 m + plug DC5,5/2,1 female
Length of AC cable	0,3 m
Storage temperature	-20°C...+60°C

* In order to extend the life of the power supply, the load current of 1A is recommended.



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

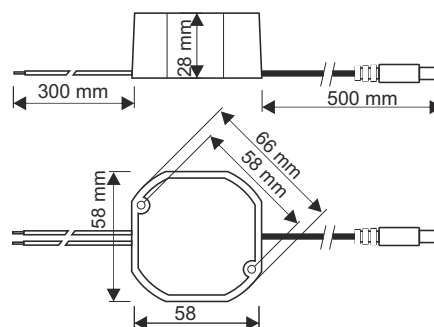
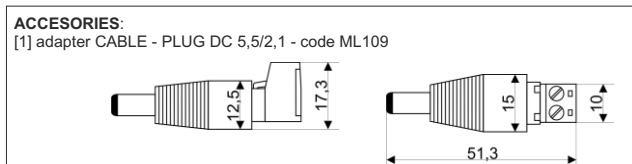


Fig.1. Dimension of power supply.

ACCESSORIES



* Refer to graph 1