

CODE: **PSCL12015**  
 TYPE: **PSCL 12V/1,5A switch mode power supply**

EN/III

### Features of the power supply unit:

- power output 1,5 A/12 V DC\*
- universal AC input voltage range 90÷264 V
- high efficiency 82%
- standby power <0,3W
- efficiency level: V
- IP 67 case
- protections:
  - SCP short-circuit protection
  - overvoltage protection (AC input)
  - overload (OLP)
- warranty – 2 year from the production date



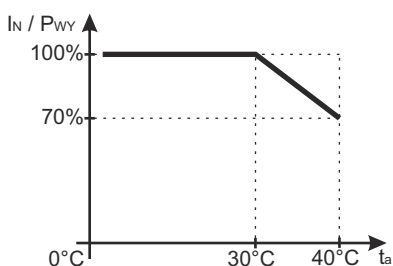
### DESCRIPTION

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

### SPECIFICATIONS.

Supply voltage	90 ÷ 264 V AC 50÷60Hz
Current consumption	0,2 A@ 230 V max.
Supply power	18 W max.
Efficiency	82%
Output voltage	12V DC
Output current $t_{AMB}<30^{\circ}C$	1,5 A - refer to graph 1.
Output current $t_{AMB}=40^{\circ}C$	1,05 A - 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
IP protection class	IP67
Operation conditions	temperature $-10^{\circ}C+40^{\circ}C$ relative humidity 20%...90% without condensation
Dimensions (LxWxH)	69 x 44 x 29 [mm]
Net/gross weight	0,16kg / 0,18kg
Protection class EN 60950-1:2007	II (second)
Length of DC cable	0,5 m + DC plug 5,5 / 2,1 female
Length of AC cable	0,3 m
Storage temperature	$-20^{\circ}C...+60^{\circ}C$

\* In order to extend the life of the power supply, the load current of 1,05 A is recommended.



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

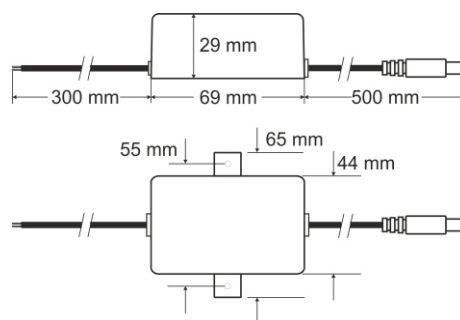
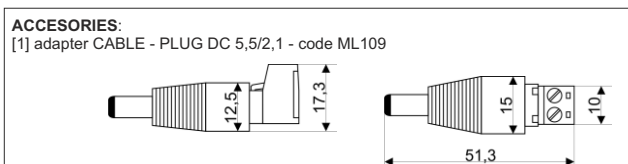


Fig.1 Dimension of power supply.

### ACCESORIES



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