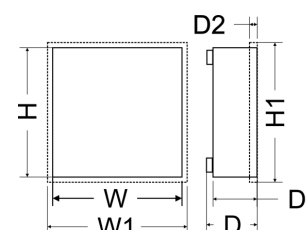
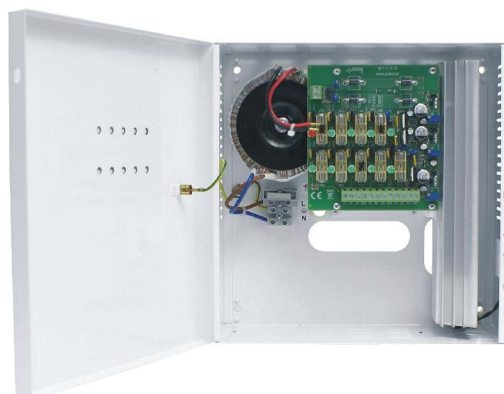


CODE: **AWZ 09123 v.1.0**  
TYPE: **PSU-S-12V/L-3A/9/FTA/PTC-TR-MC**



### DESCRIPTION

The stabilized power supply unit is destined for supplying devices requiring stabilized voltage 12V DC (-5%/+20%). It supplies voltage  $U = 11,0\text{ V} \pm 15,0\text{ V}$  DC of total current efficiency 3,0 A. The output voltage can be adjusted using a potentiometer (3 x three outputs). The power supply unit is equipped with protections: short-circuit protection (SCP), each output independently, overload protection (OLP), over heating protection (OHP), over-voltage protection (OVP). It is enclosed in a metal casing (RAL 9003 color) with optical signaling of outputs status and 230V AC supply.

### TECHNICAL DATA

<b>Casing:</b>	metal, IP20, color RAL9003,
<b>Dimensions:</b>	W=230, H=230, D=98, W1=235, H1=235, D1=90, D2=14 [mm, +/-2]
<b>Net/ gross weight:</b>	3,2 / 3,4 [kg]
<b>Antisabotage protection:</b>	no
<b>Closing:</b>	screwed: cheese screw x 1
<b>Remarks:</b>	distance from wall (ground) 8 mm
<b>Power supply:</b>	230V AC (-15%/+10%), 50Hz, 0,5 A (max.)
<b>AC/AC power supply unit:</b>	TR 80 VA/17 V
<b>Power of the power supply unit:</b>	P=36 W max.
<b>Output voltage:</b>	12,0 V DC, 3 x adjusted: 11,0V±15,0V DC (-/+5%), A/ B/ C x 3 outputs
<b>Output current:</b>	9 x 0,33 A, $\Sigma = 3,0\text{ A}$ max
<b>Number of supply outputs:</b>	9
<b>Short-circuit protection (SCP):</b>	9x F0,5 A safety fuse or PTC* 500mA, set by jumper
<b>Over-load protection (OLP):</b>	3 x 1,6A (-/+10%) PTC*, T630 mA- circuit 230V AC
<b>Over-load protection (OVP):</b>	$U > 17\text{ V}$ (-/+5%), disconnection of particular group, automatic recovery
<b>Supervoltage protection:</b>	varistors
<b>Acoustic signaling of operation:</b>	no
<b>Optical signaling of operation:</b>	LEDs: DC outputs (x 9 pcs), AC supply status (x 1 pcs)
<b>Operating conditions:</b>	2nd environmental class, -10°C+ 40°C
<b>Certificates, declarations:</b>	CE, RoHS
<b>Remarks:</b>	PSU cooling: convection, outputs: connectors $\Phi 0.51 \pm 2.05$ (AWG 24-12) *reset - return of output voltage require turning off the overloaded section or 230V AC supply for about one minute time