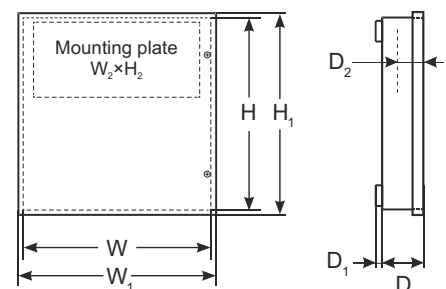
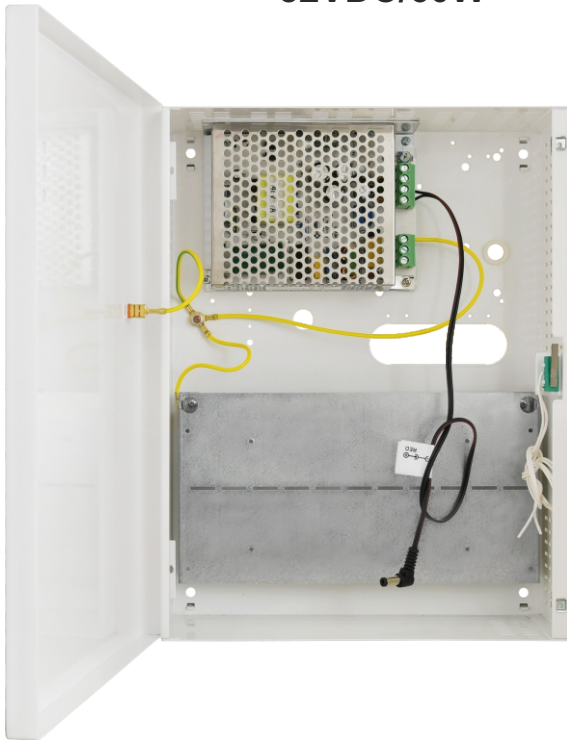


CODE: **SWS-60** v.1.0/1
 NAME: **Power supply system for PoE switches,
 52VDC/60W**

EN



Features:

- Supply voltage ~200 - 240 V
- High efficiency (90%)
- Metal enclosure – color white RAL9003
- Removable universal mounting plate
- Protections:
 - SCP short circuit protection
 - OLP overload protection
 - OVP overvoltage protection
 - surge protection
 - antisabotage protection: unwanted enclosure opening
- Warranty – 2 years from production date

General description

SWS-60 is designed for uninterrupted power supply of PoE switches with 52 V DC. It was designed based on high energy efficiency switching power supply module placed in metal enclosure (color RAL 9003). Enclosure is equipped with a tamper switch signaling opening the door (front panel). Device is equipped with removable universal mounting plate, which allows to mount PoE switches with dimensions up to 200x110x50 (WxHxD) [mm]. For example Pulsar's models: **S64, SG64, SFG64, SFG64F1, S108, SG108**.

TECHNICAL DATA

Power supply	~ 200 – 240 V; 0,7 A; 50/60 Hz
Inrush current	40 A
Efficiency	90%
PoE supply	52 V DC; 60 W
Voltage adjustment range	48 V – 53 V DC
Ripple voltage	100 mV p-p max.
Short circuit protection (SCP)	electronic, automatic recovery
Overload protection (OLP)	105 – 150% of power supply, automatic recovery
Surge protection	varistors
Over voltage protection (OVP)	> 60 V (activation requires disconnecting the load or supply for about approx. 1 min..)
Connectors	Power input: $\Phi 0,63-2,50$ (AWG 22-10) PoE power supply output: DC plug 2.1/5.5
Operating conditions	Temperature $-10^{\circ}\text{C} \div 40^{\circ}\text{C}$, Relative humidity 5%-90% without condensation
Protection class EN 62368-1	I (first)
Degree of Protection EN 60529	IP20
Operating temperature	$-10^{\circ}\text{C} \dots +40^{\circ}\text{C}$
Storage temperature	$-20^{\circ}\text{C} \dots +60^{\circ}\text{C}$
Vibrations and impulse waves during transport	Wg PN-83/T-42106
Dimensions	W=230, H=300, D+D ₁ =82+8 [+/- 2mm] W ₁ =235, H ₁ =305 [+/- 2mm] W ₂ =200, H ₂ =110, D ₂ =50 [+/- 2mm]
Enclosure	Steel sheet, DC01 0,7mm color RAL 9003
Closing	Cheese head screw x 2 (at the front, lock assembly possible)
Notes	Enclosure does not adjoin assembly surface so that cables can be led.
Additional equipment	Mounting screws (x4)
Net / gross weight	1,93 / 2,03 [kg]
Declarations, warranty	CE, 2 years from the production date

Sample assembly:

