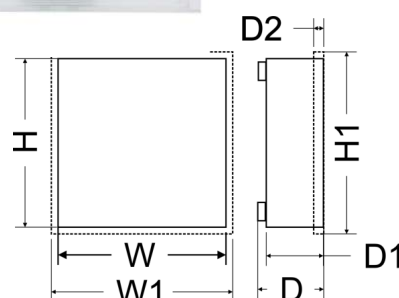


**CODE: PSDC 08128 v.1.0**  
**TYPE: PSU-S/H-12V/S-8A/8/FTA/PTC-MC**



## DESCRIPTION

Regulated PSDC08128 power supply is used to supply alarm system devices requiring stabilised 12V DC voltage with overall 8A current.

Features of the power supply:

- 8 outputs independently secured with fuses: F 1A or PTC 1A
- optical operation signalling informing about the status of: outputs and/or failures
- AW technical output informing about the status of the output failure (actuation of SCP), used in remote control of operation,
- anti short-circuit protection (SCP), anti-overload protection (OLP), over voltage protection (OVP)
- regulation of the output voltage: P1 (12.0÷16.5 V DC)
- metal casing (colour: RAL 9003) with signalling panel

## TECHNICAL DATA

|                                         |                                                                        |
|-----------------------------------------|------------------------------------------------------------------------|
| <b>Casing:</b>                          | metal, IP20, color RAL9003,                                            |
| <b>Dimensions:</b>                      | W=280, H=256, D=60, W1=285, H1=261, D1=52, D2=14 [mm, +/-2]            |
| <b>Net/ gross weight:</b>               | 1.96 / 2.13 [kg]                                                       |
| <b>Antisabotage protection:</b>         | 1x microswitch: TAMPER                                                 |
| <b>Closing:</b>                         | screwed: cheese screw x 1                                              |
| <b>Remarks:</b>                         | distance from wall (ground) 8 mm                                       |
| <b>Power supply:</b>                    | 88÷264V AC; 47÷63Hz (1.5 A@230 V AC), 125÷373V DC                      |
| <b>Power module:</b>                    | switching power supply unit                                            |
| <b>Power of the power supply unit:</b>  | P=120W max.                                                            |
| <b>Output voltage:</b>                  | 12.5V DC, reg.: 12.0÷16.5 V DC (-5%/+5%), 120 mV p-p max.              |
| <b>Output current:</b>                  | 8x 1A                                                                  |
| <b>Number of supply outputs:</b>        | 8                                                                      |
| <b>Short-circuit protection (SCP):</b>  | 8x 1A fuses or PTC                                                     |
| <b>Overload protection (OLP):</b>       | 110%÷150% of power feeder, electronic, automatic return                |
| <b>Over-voltage protection (OVP):</b>   | 17.25 ÷ 20.25 V: disconnection of DC circuit – manual restart          |
| <b>Supervoltage protection:</b>         | varistors                                                              |
| <b>Acoustic signaling of operation:</b> | no                                                                     |
| <b>Optical signaling of operation:</b>  | LEDs: green= DC outputs (8 pcs), red= failure (1 pcs)                  |
| <b>Technical output AW :</b>            | OC, 50 mA (max.), normal status=L (0 V), failure= hi-Z                 |
| <b>Operating conditions:</b>            | 2nd environmental class, -10°C ÷ 50°C                                  |
| <b>Certificates, declarations:</b>      | CE, RoHS declaration                                                   |
| <b>Remarks:</b>                         | PSU cooling: convection<br>Outputs: connectors Ø 0.51÷2.05 (AWG 24-12) |