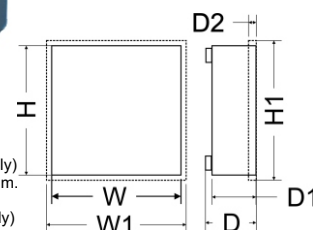


CODE: **PSACH 0424 v.1.0**  
TYPE: **PSU-U-24V/AC-4A/5/FTA-TR-HC**



**ADDITIONAL EQUIPMENT:**

- [1] AC/DC power supply unit module in ABS casing: **MSC 1512**  
(MSC 12 V/1.5 A or 24 V/1 A power supply unit module, switching supply)  
enables enclosing the 24 VAC as well as 12 VDC/24 VDC supply system.
- [2] AC/DC power supply unit module in CCTV casing: **MST 1512**  
(MST 12 V/1.5 A or 24 V/1 A power supply unit module, switching supply)  
enables enclosing the 24 VAC as well as 12 VDC/24 VDC supply system.

**DESCRIPTION**

The AC/AC power supply unit is destined for supplying devices requiring AC voltage of value 24 V (U1= 24.0 VAC/ U2= 27.0 VAC) and total efficiency 4 A@24 VAC. It is equipped with 5 outputs independently secured with fuses. The output voltage can be adjusted (gradually), independently for each AUX output, using U1/U2 keepers. The power supply unit is equipped with: short-circuit protection (SCP), over-load protection (OLP), transformer over-heating protection (OHP) as well as AW technical output informing about output failure (activation of SCP), destined for remote operation control. It is enclosed in a plastic (ABS) casing with optical operation signaling informing about statuses of: outputs and/ or failures. Moreover, the casing is equipped with a microswitch (TAMPER) signaling opening the door (front panel).

**TECHNICAL DATA**

<b>Casing:</b>	ABS, IP65*, color: RAL 7005 shade, glossy (dark grey)
<b>Dimensions:</b>	185 x 265 x 95 (185 x 265 x 75+20) (WxHxD) [mm, +/-2]
<b>Net/ gross weight:</b>	2.35 / 2.5 [kg]
<b>Antisabotage protection:</b>	1 x microswitch: opening the casing, 0.5 A@50 V/DC max. NC,
<b>Closing:</b>	screwed: cheese screw x 4 from the face
<b>Remarks:</b>	the casing is equipped with removable assembly plate with the PSU systems.
<b>Power supply:</b>	230 V/AC (-15%/+10%), 50 Hz, 0.5 A max. (5.0 A "cold start-up")
<b>Power of the power supply unit:</b>	S=100 VA max.
<b>Output voltage:</b>	U1: 23.0 V+28.0 V AC (100% load + 0% load) U2: 25.5 V+31.5 V AC (100% load + 0% load).
<b>Output current:</b>	5x 08 A for F1A fuses, Σ4.0 A@24 VAC max. or 3.7 A@27 VAC max. 2 A max. for single AUX (F2A)
<b>Number of supply outputs:</b>	5
<b>Short-circuit protection (SCP):</b>	5x F1.0 A or 3x F1.5 A fuses (5 x 20 mm)
<b>Over-load protection (OLP):</b>	5 x F1.0 A or 3x F1.5 A circuit AC 24 V/1x T1.0 A circuit AC 230 V
<b>Supervoltage protection:</b>	no
<b>Technical outputs:</b>	OC, 50 mA (max.), normal status= hi-Z , failure= L (0 V)
<b>Optical signaling of operation:</b>	LEDs: green= AC outputs (x 5 pcs), red= failure (x1 pcs)
<b>Operating conditions:</b>	2nd environmental class, -10°C+ 40°C, RH=100% max.
<b>Certificates, declarations:</b>	CE, RoHS
<b>Remarks:</b>	CONNECTIONS; supply:Φ0.63-2.50 (AWG 22-10), I/O PCB: Φ0.41+1.63 (AWG 26-14), TAMPER output: conductors, 30 cm * IP65: stuffing box assembly required (included in delivery) P9 (Φ 4-8 mm) x 5 pcs, P13.5 (Φ 6-12 mm) x 1 pcs