

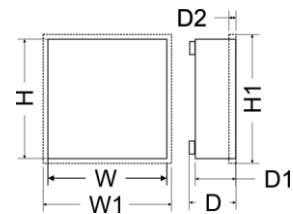
# RACK POWER CCTV series power supply unit

RACK mounted power supply for up to 8 cameras with galvanic isolation



CODE: **RAC24P** v.1.0/I  
TYPE: **RAC 24VAC/8x1A/PTC RACK** mounted power supply for up to 8 cameras with galvanic isolation.

EN\*



## Features:

- power output 8x1A/24V AC for powering analog cameras ( $\Sigma I=8A$  max.)
- 8 independent, galvanically separated outputs protected by PTC 1A polymer fuses
- supply voltage 230V AC
- LED optical indication LED: AC, TEMP, ALARM, AUX1 ÷ AUX8
- acoustic indication of failure
- control of voltage presence at the AUX1 ÷ AUX8 outputs
- the ALARM technical output of collective failure – relay type, activated by:
  - 230V AC power loss
  - activation of the output fuse in the camera power supply circuit
  - too high temperature of the PSU ( $>70^{\circ}\text{C}$ )
- protections:
  - SCP short-circuit protection
  - transformer overheat protection OHP
  - overvoltage protection
  - overload protection OLP
- forced cooling (fan)
- warranty – 2 year from the production date

## DESCRIPTION

The **RAC24P** power supply unit is designed for supplying up to 8 analog cameras requiring voltage of **24V AC** and the total current capacity of **8A**. The PSU has 8 independent, galvanically separated outputs protected by PTC 1A polymer fuses. The power supply is fitted with the **ALARM** output of collective failure. In case of failure, relay contacts are switched automatically (the corresponding led goes on). The power supply is located in an enclosure adapted for mounting in standard **RACK 19"** cabinets.

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SPECIFICATIONS	
PSU type:	A (EPS - External Power Source)
Mains supply:	195÷253V AC
Current up to:	1A@230V AC max.
Supply power S:	192VA max.
Output voltage:	24V AC (+/-15%)
<b>Output current</b>	<b>8 x 1A (<math>\Sigma I = 8A</math>) max. @24V AC</b>
Short-circuit protection SCP	8 x PTC 1A, polymer fuse
Overload protection OLP	8 x PTC 1A, polymer fuse
Surge protection	varistors
Overheat protection OHP	internal transformer
Optical indication of operation:	LED: AC, DC, TEMP, ALARM, AUX1÷AUX8
Acoustic operation indication:	Piezoelectric indicator ~75dB/0,3m
The ALARM technical output of collective failure	Relay type: 1A@ 30VDC/50VAC
Operating conditions:	2nd environmental class, -10 °C÷45 °C
Enclosure:	Steel plate RAL 9005, black
Enclosure dimensions:	W=19", H=2U; 482 x 88 x 223 mm (WxHxD)
Net weight:	8,10kg / 8,50kg
Fixation	four-point butt mounting to RACK profiles – the set include 4 M6 screws + cage nuts
Declarations, warranty	CE, 2 year from the production date
Notes:	Forced cooling (fan). 230V AC input: the IEC C14 socket with a fuse, power cable 1,5m (included) Outputs: ALARM, AUX1÷AUX8: $\Phi 0,5-2,1$ (AWG 24-12) 0,5-1,5mm <sup>2</sup>