

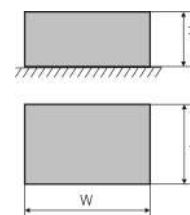
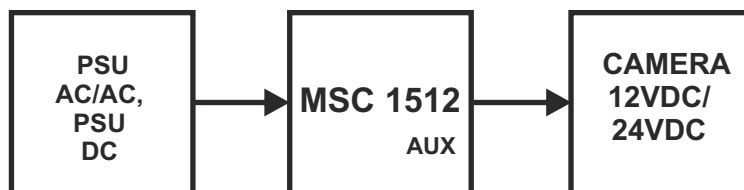
# 12V/24V/DC power supply modules



surface-mounted enclosure

CODE: **MSC 1512** v.1.1/III  
TYPE: **MSC 12V/1,5A-24V/1A/M** power supply module for CCTV

EN\*



## Features:

- output voltage 12VDC/1,5A or 24VDC/1A jumper selectable
- supply voltage 16÷30VAC or 22÷42VDC
- high efficiency: 90% max
- LED indication
- protections:
  - SCP short-circuit protection
  - OLP overload protection
  - surge protection
- warranty – 5 year from the production date

## DESCRIPTION

The MSC 1512 PSU module is intended for supplying devices that require voltage of 12V or 24V DC. The module is designed as a supplying component in CCTV systems, KD access control, SSWiN alarm systems, etc. It is intended to be wall-mounted or fixed inside a device (e.g. camera's enclosure).

The module delivers current of: **12V** with current efficiency of **1,5A** or **24V** with current efficiency of **1A**.

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<b>Specifications</b>	
Supply voltage	16V±30V/AC or 22V±42V/DC @ AUX=12VDC 24V±30V/AC or 33V±42V/DC @ AUX=24VDC
Current consumption	1.9A@16V/AC–1A@30V/AC max. for AUX=12V/1,5A 1.6A@24V/AC–1.3A@30V/AC max. for AUX=24V/1A
PSU power	18W max. for AUX=12VDC 24W max. for AUX=24VDC
Efficiency	86% max(AUX=12VDC), 90% max (AUX=24VDC)
Output voltage	12V DC or 24V DC, J-Uout jumper selectable
Output current	1,5A for AUX=12VDC 1A for AUX=24VDC
Ripple voltage	50mV p-p max.
Short-circuit protection SCP	<b>AUX:</b> 200% ÷ 300% of the module's power - current limitation, automatic return
Overload protection OLP	<b>AUX:</b> F 2A fuse, damage requires fuse-element replacement
LED indication	LEDs
Operating conditions	2nd environmental class, temperature: -10 °C÷40 °C, relative humidity 20%...90%, without condensation
Enclosure	ABS, IP20, surface-mounted
Dimensions	70 x 28 x 70 (WxLxH)
Net/gross weight	0,09kg/0,13kg
Declarations, warranty	CE, RoHS, 5 year from the production date
Connectors	<b>AC:</b> $\Phi 0,41 \pm 1,63$ (AWG 26-14) <b>AUX:</b> connectors $\Phi 0,41 \pm 1,63$ (AWG 26-14) or plug DC-5,5mm/100cm (provided)