

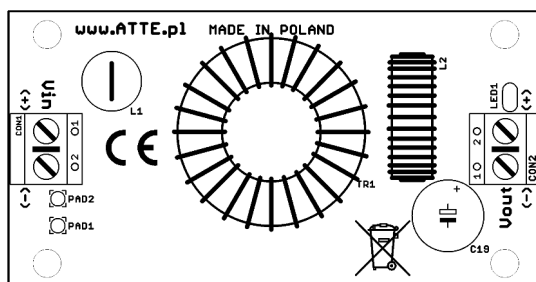
ASDIC-60-121-OF

**Isolated DC/DC converter , Step-down voltage converter,
Vin 20...30VDC, Vout 12VDC, Iout 5A, Pout 60W, built-in
module**

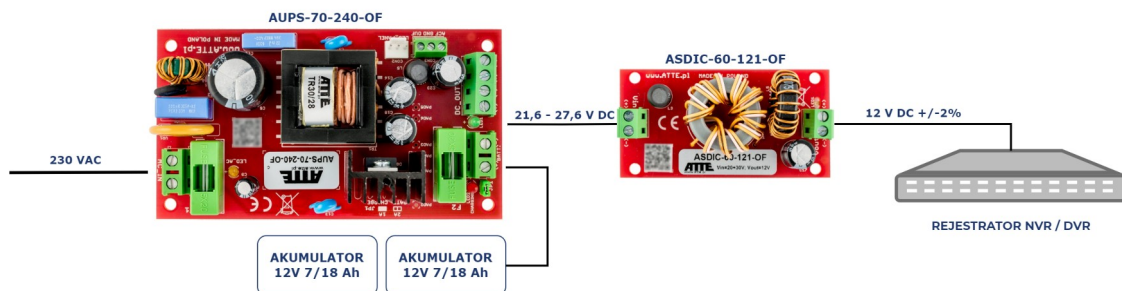
INSTRUCTION MANUAL

ASDIC-60-121-OF converter is a high-performance step-down voltage module for use in CCTV systems.

The modules can be used in systems where galvanic isolation of circuits is necessary, e.g., to eliminate image interference occurring in non-isolated DC power systems. Based on 24V buffer power supplies, they allow systems to be built for supplying power to NVRs/DVRs with long backup times.



General view of the device



Technical Specification

Output Voltage	12 VDC +/-2%
Power Supply Voltage	20 ... 30 VDC
Output Power	60 W @24V
Efficiency	90% @50W
Protection	Overload protection Short circuit protection 1.5 kV insulation
Housing Construction	Built-in module
Assembly	Snap-on distance plugs, mounting holes in 10.8 mm grid
Operating Temperature	-25 ... +50°C
Dimensions	75 x 39 x 20 mm
Weight	0,051 kg

Safety Precautions

- The installation and wiring must be performed by a competent engineer. For permanently connected equipment, a readily accessible disconnect device must be incorporated in the fixed wiring. The device must be connected to the mains supply 230 VAC 50 Hz via a specified fused connection outlet.
- Despite the fact that the enclosure of the device has a high degree of protection, it is recommended that the device should be mounted in places protected from direct influence of atmospheric factors, in particular against rain and direct sunlight.
- Since the power supply does not have a switch to isolate the mains supply, the installer is responsible for notifying the user of the means of isolating the mains supply from the device.
- When replacing fuses, use original or compatible types. The exact parameters of the fuses can be found on the inside of the device cover.

WARNING



Before installation and during maintenance make sure that the mains voltage 230VAC is disconnected

Installation

- Mount the unit at the desired location and connect the connecting wires.
- Connect the supply cables to the Vin screw terminals.
- Power up the device.

Operation Indication

- The presence of the output voltage is indicated by a red LED.

WEEE MARKING



This symbol on the product or on its packaging indicates that the product must not be disposed of with normal household waste. Instead such equipment must be disposed of by arranging to return it to a designated collection point for the recycling of waste electrical and electronic equipment.

