

ACSDC-15-120

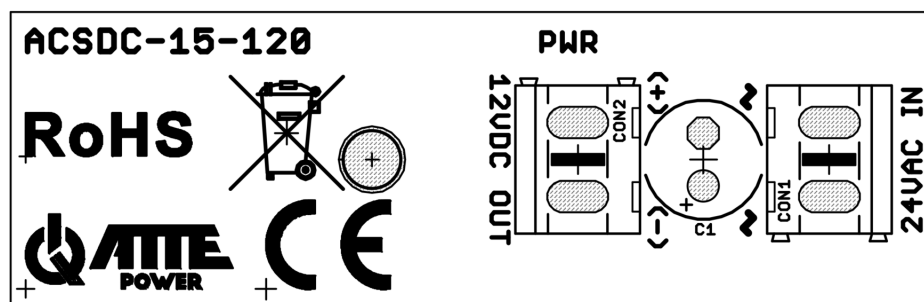
Step-down converter 24VAC/12VDC

Vin 20...28VAC, Vout 12VDC, Iout 1,25A, Pout 15W

INSTRUCTION MANUAL

The ACSDC-15-120 is a non-isolated step-down converter. The device is powered by 20 - 28 VAC and provides a stabilized output voltage of 12V.

The ASDC/ACSDC group converters are high-efficiency voltage-lowering modules. The device provides stable power supply for elements of alarm systems, cameras, WLAN devices, etc. It is used to power remote electronic devices via a standard twisted pair cable.



General view of the device

Technical Specification

Output Voltage	Vout 12VDC
Power Supply Voltage	Vin 20...28VAC
Idle Current	10mA @24VAC
Output Power	15W @12V
Efficiency	92% @VIN=24VAC, POUT=15W
Protection	Surge protection Overload protection Thermal protection Short circuit protection
Housing Construction	poliwęglan
Assembly	brak
Operating Temperature	-25 ... +50°C
Dimensions	20 x 63 x 20 mm
Weight	0,015 kg

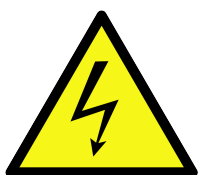
Installation

- Mount the device in the selected location and connect the connecting wires.
- Connect power supply wires to Vin terminals.
- Turn on power supply.

Safety Precautions

- The device is intended for installation by a qualified installer who has appropriate competences and permits and authorizations (if required for a given country) to connect (interfere with) low-voltage installations.
- The device should be installed indoors. About normal air humidity and temperature. The method of mounting the device and laying the cabling should ensure free air flow. It is recommended to use ABOX series housings, which allow for convenient installation outdoors, indoors and in RACK cabinets.
- For proper operation of the module, appropriate voltage and current capacity of the power source must be ensured.
- Any maintenance operations may only be performed after disconnecting the power supply. Under normal conditions, the device does not require any maintenance.
- In case of damage or doubts as to the correct operation of the device, stop using it immediately.
- In the case of fiber optic devices, do not look into the fiber optic port when the device is turned on. The invisible beam can damage the retina of the eye.
- Before connecting PoE PASSIVE receivers (e.g. WiFi antenna), make sure that the voltage value and polarization on the RJ45 pins of the switch or power adapter are consistent with the values allowed by the receiver.

WARNING



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

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.

