

ASDC-12-120-HS

PoE Adapter step-down converter

12V 12W

INSTRUCTION MANUAL

The ASDC-12-120-HS adapter is a non-isolated step-down DC/DC converter . The device is powered from a 48 V PoE line and provides a regulated output voltage 12 V. Basic application of the device is powering of the WiFi devices requiring power PoE 12 V. The device can be powered by PoE PASSIVE switches.



General view of the device

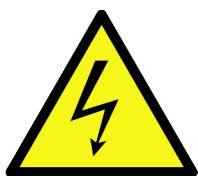
Technical Specification

Supported PoE power supplies	PASSIVE PoE
Connectors	RJ-45 / RJ-45 - input voltage / output voltage
Output Voltage	12 VDC +/-3% - output PoE voltage at RJ-45 PoE PINOUT: 4,5 (V+) 7,8 (V-)
Output Current	1 A
Input Voltage	13 ... 56 VDC - input PoE voltage at RJ-45
Indication	LED RED inside RJ-45 connector - output voltage
Housing Construction	Insulating polyethylene sleeve
Ingress Protection Rating	IP20
Operating Temperature	-25 ... +50°C
Dimensions	75 x 21 x 17 mm
Weight	0,015 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 device and connect the UTP cables. The RJ-45 plugs on the cable should be prepared according to the T568B standard.

Operation Indication

- LED RED in RJ-45 connector – output voltage

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.

