

ASUC-15-482-HS

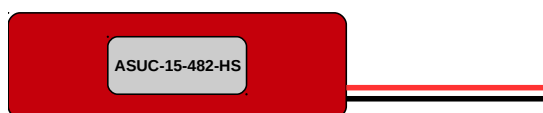
PoE PASSIVE Adapter step-up converter

48V 15W

INSTRUCTION MANUAL

ASUC-15-482-HS is a high-performance, non isolated DC / DC step-up converter. Converter allows operation in a wide range of input voltages. A typical application of the module is 48 VDC PoE generation from 12 VDC or 24 VDC voltage power supply.

The open frame (OF) construction allows the device to be installed in any suitable third party housing. It is highly recommended however to use our dedicated ABOX series enclosures that come with a pre-drilled backplate (4,8mm diameter, pitch 10,8mm) allowing both horizontal and vertical installation.



General view of the device



Typical application

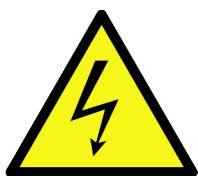
Technical Specification

Output Voltage	48 VDC PASSIVE PoE compatible (RJ-45 connector)
Output Current	0,3 A
Output Power	15 W
Input Voltage	10 ... 30 VDC (cable) No voltage at the RJ-45 connector
Indication	LED RED inside RJ-45 connector - PoE output voltage enabled
Housing Construction	Insulating polyethylene sleeve
I/O connector type	RJ-45
Ingress Protection Rating	IP20
Operating Temperature	-25 ... +50°C
Dimensions	78 x 22 x 17 mm
Weight	0,027 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

- 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.

