SDIP-12-240
Gigabit Ethernet PoE step-down adapter
Vout 24V, Pout 12W, 10/100/1000Mbps, 802.3af and PASSIVE

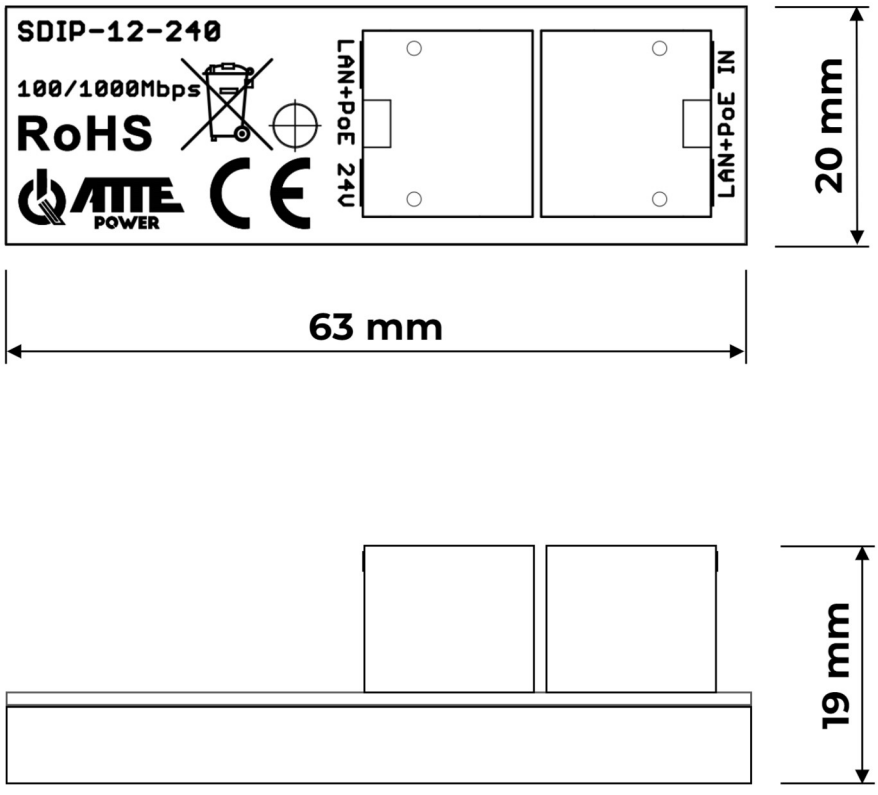
INSTRUCTION MANUAL

SDIP-12-240 Gigabit adapter is a non-isolated DC/DC converter that reduces voltage. The device allows changing the PoE 802.3 af or PoE PASSIVE 35-56V standard to the PoE PASSIVE 24V standard. The primary use of the adapter is to power WiFi AP access devices requiring a PoE supply voltage of 24V. The Gigabit throughput allows full use of the wireless transmission speed.

The device can be powered from 802.3af and PoE PASSIVE switches.

Main features:

- power solution for WiFi APs requiring 24V PoE from any PoE switch
- easy to implement and install power supply support for access points using IPUPS kits
- wide input voltage range
- small module size



General view of the device

ATTE Power Sp. z o. o.
ul. 3 Maja 5, 32-400 Myślenice, tel: +48 12 378 94 02, e-mail: wsparcie@atte.pl

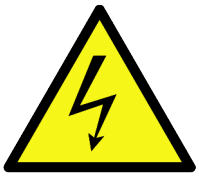
Technical Specification

Supported PoE power supplies	802.3 af or PASSIVE PoE RJ45 Port 10/100/1000Mbps
Connectors	1x RJ45 Port LAN POE IN 10/100/1000Mbps 802.3 af lub PASSIVE PoE 1x RJ45 Port LAN + PASSIVE POE OUT 24VDC 10/100/1000Mbps
Output Voltage	24 VDC +/-3% RJ-45 (PoE) PoE Pinout: 4,5 (V+) 7,8 (V-)
Output Current	0,5 A
Input Voltage	35 ... 56 VDC (PoE) PoE Pinout: 1,2 (V+/-) 3,6 (V+/-) and/or 4,5 (V+/-) 7,8 (V+/-)
Ports Protection	Surge protection
Indication	LAN LED (yellow) - presence of PoE power on the port
Housing Construction	Polycarbonate
Ingress Protection Rating	IP20
Operating Temperature	-25 ... +50°C
Dimensions	63 x 20 x 19 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

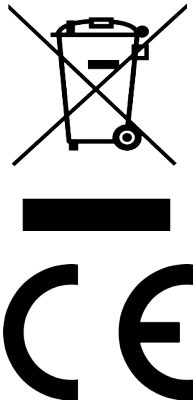
Installation

- Mount the device and connect the UTP cables. The RJ-45 plugs on the cable should be prepared according to the T568B standard.
- Before connecting the receiver, make sure what the correct PoE voltage level is and on which pairs the power supply should be given.
- Applying the wrong supply voltage, wrong polarity or selecting the wrong power pairs may result in unstable operation or, in some cases, damage to the device.

Operation Indication

- LED on RJ45 connectors (yellow) - presence of PoE

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.