

Instruction manual

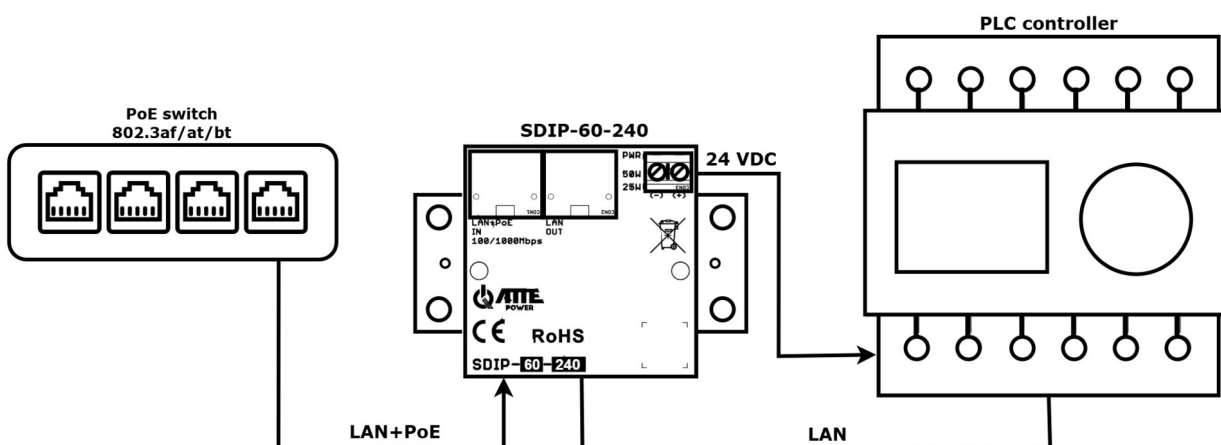
SDIP-60-240

Gigabit PoE adapter with 24V output, 60W

Operation Indication

- **LED PWR** (red) – power
- **LED** on the RJ45 input port (yellow) – PoE present on the port
- **LED 25W** (red) – the device is powered via the LAN+PoE IN port by the 802.3af standard; up to 25 W available at the screw terminal
- **LED 50W** (red) – the device is powered via the LAN+PoE IN port by the 802.3bt (type 3) standard; up to 50 W available at the screw terminal
- **LED 50W** and **LED 25W** (red) – the device is powered via the LAN+PoE IN port by the 802.3bt (type 4) standard; up to 60 W available at the screw terminal

Basic application



Description

SDIP-60-240 is a Gigabit PoE adapter with a step-down converter. The device is a dedicated solution for powering 24 V devices with a power budget of up to 60 W. The PoE adapter can be powered by 802.3af/at/bt PoE or 44 ... 56 V passive PoE.

The device does not provide PoE on the RJ45 output.

The primary application of the device is to supply power to PLC controllers and other devices requiring a 24 V supply and provide Ethernet connectivity via an RJ45 interface.

SDIP-60-240 has an IP20 protection rating. To protect it against atmospheric conditions and moisture condensation, it must be installed in a suitable enclosure with a minimum IP44 rating. The module's compact size means it can be fitted into small enclosures.

If the device is to be installed in a confined space, the mounting tabs of the mounting base can be cut and removed to reduce the overall dimensions of the module.

Installation

1. Install the device in the selected location.
2. Connect the UTP cable from the PoE switch to the LAN+PoE IN port.
3. Connect the selected device to the screw terminal.
4. Connect the selected device to the LAN OUT port using a UTP cable.
5. Turn on the switch power supply.

Technical Specification

LAN Ports	2 x RJ45 ports 10/100/1000 Mbps
Ports Functions	LAN+PoE IN: PoE input port: 802.3af/at/bt or PoE passive standards PoE pins: 1,2 (V+/-) 3,6 (V+/-) and/or 4,5 (V+/-) 7,8 (V+/-) LAN OUT: LAN output port (without PoE) Screw terminal: 24 VDC output voltage
Output voltage	24 V +/-3% (screw terminal)
Efficiency	92% @60 W
Maximum power	60 W
Input voltage	44 ... 56 VDC (PoE)
Ports Protection	LAN+PoE IN, screw terminal: Surge protection Screw terminal: Overload protection at 5 A
Operation indication	LED PWR (red) – power LED on the RJ45 input port (yellow) – PoE present on the port LED 25W (red) – the device is powered via the LAN+PoE IN port by the 802.3at standard; up to 25 W available at the screw terminal LED 50W (red) – the device is powered via the LAN+PoE IN port by the 802.3bt (type 3) standard; up to 50 W available at the screw terminal LED 50W and LED 25W (red) – the device is powered via the LAN+PoE IN port by the 802.3bt (type 4) standard; up to 60 W available at the screw terminal
Housing Construction	Universal mounting base
Ingress Protection Rating	IP20
Operating Temperature	-25 ... +50°C
Dimensions	51 x 51(73) x 21 mm
Weight	0,034 kg

Find out more

SDIP-60-240
on the WWW site



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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.

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

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.

