

PoE Adapter

Power over Ethernet Injector

cue



Specifications

Power supply

Universal range type

Input Voltage 100 to 240 VAC

Input Frequency 47 to 63 Hz

Input Current

0.5 A RMS max. for 90 VAC

0.35 A RMS max. for 240 VAC

Input connector IEC320 inlet 3-pin

Output

DC output voltage 48 V

Total output power 15.4 W

Protection

Over voltage (OVP)

Over current (OVC)

Short circuit

Safety approvals

cUL/UL, TUV, CE, FCC, CCC

Physical

Plastic enclosure

Dimensions 140 x 65 x 36 mm / 5.5" x 2.6" x 1.4"

Weight 0.2 kg / 0.4 lb

Operating environment

Temperature 0° to 40° C

Humidity 10% to 90% non-condensing

Power over Ethernet

Power over Ethernet (PoE), sometimes also called Active Ethernet, provides a way for your network devices to be powered by their data cables rather than by separate power cords. In many applications, particularly in the installation of touchpanels, keyboards, sensors, wireless access points or IP telephones, PoE can significantly reduce installation costs.

Power Over Ethernet (PoE) integrates power and data onto one single cabling infrastructure, eliminating the need to have AC power adapters available at all locations. The IEEE 802.3af standard defines how products should provide and receive power over the data infrastructure. Using category 5/5e cable or better, PoE will provide power to PoE compatible device, such as touch panels, IP telephones, wireless LAN

Main Features

- Data and power carried over one Ethernet cable
- Fully compliant with IEEE802.3af standard
- IOL test report
- Diagnostic LEDs
- Full protection OTP, OCP, OVP
- Non-vented case

Description

As an innovative alternative to problems involving the placement and installation of power outlets, PoE Adapter enables both power and data to be carried over one Ethernet cable. This PoE Adapter provides a full 15.4 watts of power per port with no additional power management required. Output is equipped with short circuit protection and overload protection as per 802.3af specification. The output can be shorted permanently without damage. Upon power-up the self-test for the internal microprocessor software is started. After the end self-test the DC output voltage is available for powering a compliant load (to the 802.3af PoE standards). Once a load is attached to the output RJ-45 connector the detection sequence is started. Should the load be non-compliant then the LEDs will blink a code signifying the cause for non-detection. Until the correct load is applied, the LEDs will continue to blink.

Applications

- Commercial single-room applications
- Meeting rooms, conference rooms, boardrooms
- Complete residential home automation

Box Contents

PoE adapter

Power cable

Compliance information

Order Information

Product code CS0327

access points and IP cameras, for a distance up to 100 Meters. Products that are powered by PoE are generically called powered Devices (PD). PoE is already widely adopted in the market, saving up to 50% of overall installation costs by eliminating the need to install separate electrical wiring and power outlets in new or hard to reach places.

For more details please see appropriate Application Note at www.cuesystem.com.