



**16 Port Gigabit Power over Ethernet Midspan
POE370U for 10/100/1000 Base-T Networks**



Features

- IEEE 802.3af Detection, Disconnect and Overload Protection
- NIC Interface (Optional)
- 10/100/1000 base T Compatible
- Limited Lifetime Warranty
- Cisco Legacy Detection
- Full Power of 370W--15.4W per Port No Power Management required
- Full Protection OTP, OCP, OVP
- 48V RPS Input (Optional)
- 1U Rack Mounting Kit Ships with Unit

Applications

- VoIP Phones
- Access Point
- Security Systems
- Lighting Systems with Single UPS

Safety Approvals

- cUL/UL
- CE
- SAA
- C-Tick

Mechanical Characteristics

- Length: 438mm (17.25in)
- Width: 228mm (8.98in)
- Height: 44.5 mm (1.75in)
- Weight: 3.8Kg (8.5lbs)

Output Specifications

Model	Number of Ports	Maximum Output Power
POE370U-480-16-R	16	250W

Reference Files:

1. [Multiport Midspan Installation Manual.pdf](#)
2. [19in Rack Mounting Kit Datasheet.pdf](#)
3. [SNMPv2c User Manual-Rev1.7.pdf](#)
4. [SNMPv2c Firmware-Rev1.7.zip](#)
5. [SNMPv2c MIB 10_30_2009.zip](#)

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

INPUT:**AC Input Voltage Range**

90 to 264VAC

AC Input Voltage Rating

100 to 240VAC

AC Input Current

5.5A (RMS) maximum for 90VAC

2.75A (RMS) maximum for 240VAC

Leakage Current

3.5mA maximum @ 254VAC 60Hz

AC Input Frequency

47-63Hz

AC Inrush Current

30A (RMS) maximum for 115VAC

60A (RMS) maximum for 230VAC

OUTPUT:**Total Output Power**

15.4W per port

Ripple and Regulation

100mV maximum

Efficiency75% (typical) at maximum load, and
120VAC 60Hz**Hold-up Time**

16mS min. 120VAC at maximum load

Transient O/P Voltage Protection60V maximum at switch on and off at any
AC line Phase**Turn-On Delay Time**3 sec maximum at maximum load, and
120VAC 60Hz, 25Hz**ENVIRONMENTAL:****Temperature**

Operation 0 to +40°C

Non-operation -25 to +65°C

Humidity 5 to 90%

EMCEn55022 Class B, FCC Class B with FTP
cablingEN55022 Class A, FCC Class A with UTP
cabling**Isolation Test**Primary to Secondary: 4242VDC for 1
minute

Primary to Ground: 2121VDC for 1 minute

Secondary to Ground: 2121VDC for 1
minute**Immunity EN50082-1**

ESD: EN61000-4-2. Level 3

RS: EN61000-4-3. Level 2

EFT: EN61000-4-4. Level 2

Surge: EN61000-4-5. Level 3

CS: EN61000-4-6. Level 2

Voltage Dips EN61000-4-11

Harmonic: EN61000-3-2 Class A

IEEE 802.3af InteroperabilityUNH Interoperability report available on
request**FEATURES:****Cisco Legacy detection**

No extern parts required for Legacy devices:

VoIP Phones:

7910, 7912, 7940, 7960

Access Points:

350, 1100, 1200

**Over Voltage/Current, Short Circuit
Protection**The output can be shorted permanently
without damage

Over Temperature Protection

Automatic shutdown without damage

Indicators

Green LED: Power detected “ON”

Yellow LED: Fault detected

USB Diagnostics Port

USB “B” port for diagnostics and manual port control

Windows GUI

Input Connector

AC

IEC320 inlet 3 pin

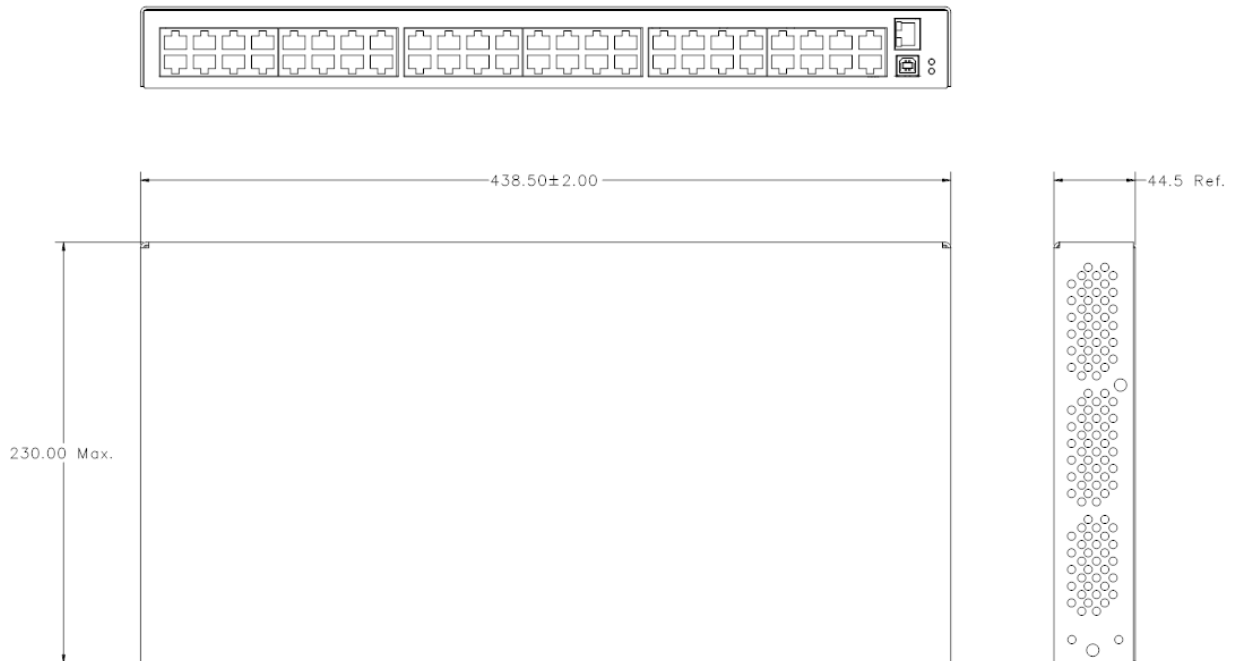
DC for RPS option

Molex Minifit

Shell 39-01-20-65

Pins 39-00-0077

POE370U-480-16-R Dimension Diagram Unit: mm



Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information

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NOTE: This model has/The models in this products series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.