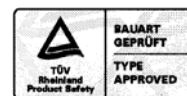




8/16/24 Port Gigabit Power Over Ethernet Midspan POE370U for 10/100/1000 Base-T Networks



Features

- IEEE 802.3af Detection, Disconnect and overload Protection
- Low Cost
- NIC Interface (Optional)
- 10/100/1000 base T Compatible
- Full Power of 370W--15.4W per Port No Power Management required
- Full Protection OTP, OCP, OVP
- 48V RPS Input (Optional)
- Cisco Legacy detection

Applications

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

Safety Approvals

- cUL/UL
- CE
- TUV

Mechanical Characteristics

- Length: 438mm (17.25in)
- Width: 228mm (8.98in)
- Height: 44.5 mm (1.75in)
- Weight: 4.08Kg (9lbs)

Output Specifications

Model	Number of Ports
POE370U-480-24	24
POE370U-480-16	16
POE370U-480-8	8

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit www.phihong.com for the most up-to-date specifications.

INPUT:**AC Input Voltage Range**

90 to 264VAC

AC Input Voltage Rating

100 to 240VAC

AC Input Current

4.5A(RMS) max. for 90VAC

2.25A(RMS) max. for 240VAC

Leakage Current

3.5mA max. @ 254VAC 60Hz

AC Input Frequency

47-63Hz

AC Inrush Current

15A(RMS) max. for 115VAC

20A(RMS) max. for 230VAC

OUTPUT:**Total Output Power**

15.4W per port

Ripple and Regulation

Meets requirements of IEEE802.3af

Efficiency

75% (typical) at Max. load, and 120VAC 60Hz

Hold-up Time

16mS min. 120VAC and max. load

Transient O/P Voltage Protection

60V max. at switch on and off at any AC line Phase

Turn-On Delay Time

3 sec max. at max. load, and 120VAC 60Hz, 25Hz

ENVIRONMENTAL:**Temperature**

Operation 0 to +40°C

Non-operation -25 to +65°C

Humidity

Operation 5 to 90%

Non-Operation 5 to 90%

EMC

FCC Class B

EN55022 Class B

Isolation Test

Primary to Secondary: 3000VAC for 1 minute

Primary to Ground: 1500VAC for 1 minute

Secondary to Ground: 1500VAC 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 Interoperability

UNH Interoperability report available on request

FEATURE:**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

Outputs equipped with short circuit protection and overload protection as per 802.3af specification

The output can be shorted permanently without damage

Over Temperature Protection

Shutdown automatically without damage

Indicators

Led #1 indicator for detection power “on” GREEN

Led #2 Indicator for fault -Yellow

USB Diagnostics Port

USB “B” port for diagnostics and manual port control

Windows GUI

Input Connector

IEC320 inlet 3 pin