8/16 Port IEEE802.3at/PoEPLUS Midspans
PoE576U for 10/100/1000 Base-T Networks

Features
- Compliant with the IEEE802.3at Standard
- 2 finger classification
- SNMP Management Option
- Optional SSL with SNMPv3
- Windows GUI
- May power Cisco AP1250 with ACCY125X dongle
- Full Power of 576W—30W per Port, No Power Management required
- Full Protection OTP, OCP, OVP
- 1U Rack Mountable (Mounting Kit Ships with Unit)
- Limited Lifetime Warranty
- 10/100/1000 Base-T Compatible

Applications
- VoIP Phones
- Access Point
- Security Systems
- IP Cameras

Safety Approvals
- cUL/UL
- CE

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

Output Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Number of Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>POE576U-16AT(y)</td>
<td>16</td>
</tr>
<tr>
<td>POE576U-8AT(y)</td>
<td>8</td>
</tr>
</tbody>
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Options: y = N to add SNMP

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Revision 3/2/2015
**POE576U Characteristics**

**INPUT:**

**AC Input**
- Voltage Range: 90 to 264VAC
- Input Frequency: 47-63Hz
- Input Current:
  - 9A (RMS) maximum for 90VAC
  - 4.5A (RMS) maximum for 230VAC
- Leakage Current: 3.5mA maximum @ 264VAC 60Hz
- AC Inrush Current:
  - 30A (RMS) maximum for 115VAC
  - 60A (RMS) maximum for 230VAC

**OUTPUT:**

**Total Output Power**
- 33.6W per port
- Total Power: 269W (8 ports) - 538W (16 ports)

**Ripple and Regulation**
- 100mV maximum

**Efficiency**
- 75% (typical) at maximum load, and 120VAC 60Hz

**Hold-up Time**
- 16mS min. 120VAC and maximum load

**Transient O/P Voltage Protection**
- 60V maximum at switch on and off at any AC line Phase

**Turn-On Delay Time**
- 20 sec maximum at maximum load, and 120VAC 60Hz, 60Hz

**ENVIRONMENTAL:**

**Temperature**
- Operation: 0 to +40°C
- Non-operation: -25 to +65°C

**Humidity**
- Operation: 5 to 90%
- Non-Operation: 5 to 90%

**EMC**
- EN55022 Class A, FCC Class A with UTP cabling
- EN55022 Class B, FCC Class B with FTP cabling

**Isolation Test**
- Primary to Secondary: 4242VDC for 1 minute
- Primary to Ground: 2121VDC for 1 minute
- Secondary to Ground: 2121VDC for 1 minute

**Warranty**
- Limited Lifetime

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**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

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**IEEE 802.3at Interoperability**

UNH Interoperability report available on request

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**FEATURE:**

**Cisco Legacy detection**
- No extern parts required for Legacy devices:
  - VoIP Phones: 7910, 7912, 7940, 7960
  - Access Points: 1040, 1140, 1260, 3500

**Over Voltage/Current, Short Circuit Protection**
- Outputs equipped with short circuit protection and overload protection as per 802.3at specifications
- The output can be shorted permanently without damage

**Over Temperature Protection**
- Automatic Shutdown without damage

**Indicators**
- Green LED: Power detected “CONNECT”
- Flashing GREEN: IEEE802.3af detected “CONNECT” at 15.4W
- Yellow LED: Fault detected

**USB Diagnostics Port and NIC Interface**
- USB “B” port for diagnostics and manual port control
- Windows GUI
- NIC interface for remote management via secure IP access

**Input Connector**
- AC Input IEC320 C14

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