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8 Port IEEE802.3at/ 16 Ports IEEE802.3af Midspans 10/100/1000 Base-T Networks

Fart of the University of New Hampshire Research Computing Center	cULus (E					
Features						
• Full Power on all Ports	• 10/100/1000 Base-T Compatible					
• 2 Finger Classification	Windows GUI					
SNMP Management Option	• Full Protection OTP, OCP, OVP					
• 1U Rack Mountable (Kit Ships with Unit)	• Compliant with the IEEE802.3at Standard					
• SSL option with SNMPv3 (N-option)	Limited Lifetime Warranty					
Applications	~ . ~					
VoIP Phones	• Security Systems					
Access Point	• IP Cameras					
Safety Approvals						
 cUL/UL CE						
Mechanical Characteristics						
Length: 438mm (17.25in)	• Height: 44.5 mm (1.75in)					
 Width: 228mm (8.98in) 	 Weight: 3.8Kg (8.5lbs) 					
Output Specifications						
Model	Port Output Power					
POE576U-24AFAT(y)	Ports 1-8 33.6W/port					

Options: y= N to add SNMP

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Ports 9-16

15.4W/port

POE576U-24AFAT 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

Ports 1-8 at 33.6W per port 268 Ports 9-24 at 15.6W per port Total Power 556W maximum

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 Non-operation

0 to +40°C -25 to +65°C

5 to 90%

5 to 90%

Humidity

Operation Non-Operation

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

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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&at Interoperability

If 25kohm is detected the unit operates in "IEEE802.3at mode" 30W 2 pair powering. 12.5k detection resistance required for full power 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

Automatic shutdown without damage

Indicators

Green LED: Power detected "ON" 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

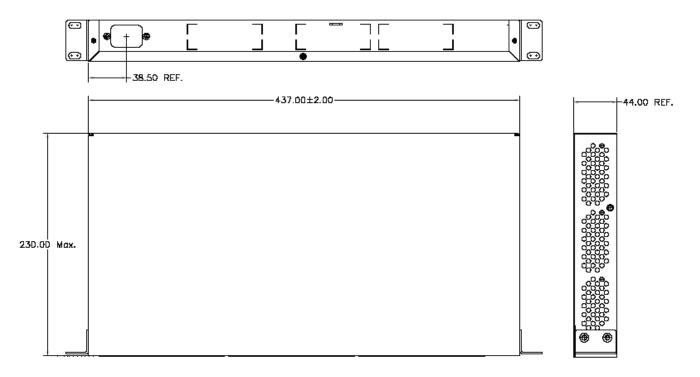
Input Connector AC Input IEC320 C14

Warranty

Limited Lifetime Warranty (See terms and conditions)

POE576U-24AFAT Dimension Diagram

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