8 Port IEEE802.3af
Power-Over-Ethernet Module

PHIHONG

Features

- 2.5G capabilities on all ports
- Supports IEEE802.3af detection
- Over-current protection

Applications

- Telecommunications
- Wireless Access Points
- Laboratory Equipment

Safety Approvals

- UL 60950-1, 2nd Ed, 2014-10-14
- CUL 22.2 60950-1-07, 2nd Ed, 2014-10
- IEC/EN 60950-1(ed.2) am 1; am2
- CE

Mechanical Characteristics

- Length: 113mm (4.49in)
- Width: 129.6mm (5.12in)
- Height: 36.6mm (1.57in)

Output Specifications

Model	# of Ports	DC Output Voltage	Load		Regulation		Output Power
			Min.	Max.	Line	Load	
POE120-8AF-R	8	56VDC	<10mA	286mA	-2V/+1V		16W @56VDC per port (8 ports, total 128W)

INPUT:
DC Input Voltage Rating
55-57VDC

DC Input Current
3A Max Load

DC Input Power
Provided by POE150U or POE450U Midspan

Efficiency
75% (typical) at max load

ENVIRONMENTAL:
Temperature
Operating   0 to +40°C
Non-operating   -20 to +75°C
Humidity   5 to 90%

EMI
Complies with FCC part 15 Class B
Complies with EN55032/EN55022 Class B

Immunity
ESD: IEC61000-4-2. Level 3
RS: IEC61000-4-3. Level 2
EFT: IEC61000-4-4. Level 3
Surge: IEC61000-4-5. Level 3
CS: IEC61000-4-6. Level 3
Voltage Dips IEC61000-4-11 Class 3

Over-Current Protection
500mA max

Indicators
LED#1
Blinking GREEN – Unit is "ON" Active with No Load
Solid GREEN – Unit has detected a Valid Load
Blinking RED/GREEN – Unit has detected an Invalid Load
Solid RED w/brief GREEN blink – Unit is in Over Load/Short Circuit Condition

Input Connection
4 pin CVILUX:CP-01404170

1=RTN   3,4=N/C

1□   □3

2□   □4

2=+56V

129.60±.25

60.00±.25

BAR CODE LABEL

28.50 MAX

3.0

113.12±.25

PHIHONG

MODEL LABEL

144.80 +.00 -.50

129.50±.10

10.15

14.25

36.60±.25