



Single Port 15.4W Power over Ethernet Desktop POE15x-560 Passive Power Injector



Features

- No Detection – passive injector
- Non-Vented Case
- Small case size
- 1 Year Warranty
- Gigabit data rates
- Full Protection OCP, OVP
- Level VI Efficient
- Low Cost

Applications

- IP Telephones
- Wireless Network Access Points
- Security Cameras

Safety Approvals

- cUL/UL 60950
- IEC/EN 60950-1
- CE
- LPS

Mechanical Characteristics

- Length: 106mm (4.17in)
- Width: 40mm (1.57in)
- Height: 27mm (1.1in)
- Weight: 100g (3.5oz.)

Output Specifications

Model	DC Output Voltage	Load		Regulation		Input Connector	Output Power
		Min.	Max.	Line	Load		
POE15M-560	56V	0A	0.275A	±5%		C6	15.4W
POE15W-560	56V	0A	0.275A	±5%		C8	15.4W

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INPUT:

AC Input Voltage Range

90 to 264VAC

AC Input Voltage Rating

100 to 240VAC

AC Input Current

0.5A (RMS) maximum for 90VAC

0.35A (RMS) maximum for 240VAC

Leakage Current

0.25mA maximum @ 254VAC 60Hz

AC Input Frequency

47-63Hz

AC Inrush Current

30A for 115VAC @max load

60A for 230VAC @max load

No Load Power Consumption

<100mW at 115Vac

<75mW at 230Vac

OUTPUT:

Total Output Power

15.4W

Ripple and Regulation

200mV max @25C, 115VAC, 60Hz & 230VAC, 50Hz

Efficiency

Meets Level VI requirements

Hold-up time:

16mS minimum at maximum load and 120VAC, 60Hz

ENVIRONMENTAL:

Temperature

Operation -20 to +50°C

Non-operation -25 to +75°C

Humidity 5 to 90%

EMC

FCC Part 15 Class B

EN55022 Class B

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

Isolation Test

Primary to Secondary: 3000VAC for 1 second 10mA

Insulation Resistance

Primary to Secondary: >10M OHM 500VDC

FEATURE:

Over Voltage Protection

Voltage between 2 SELV conductors shall not exceed 42.4Vpk or 60VDC for longer than 0.2 sec. Limit of 71 VPK or 120VDC shall not be exceeded – latching.

Over Current Protection

≤400mA

Short Circuit Protection

Continuous, no damage

Indicator

Solid BLUE: Power “ON”

Data in/Output Connector

RJ45

E option = Earth grounded shielded Rj45 connectors

Output Connection

+pin 3,6 / -pins 1,2

Dimension Diagram Unit: mm (inch)

