

POWER OVER ETHERNET INJECTOR - 24 V WITH AC INPUT



Model: TPE 124-A



Telenet's Midspan POE is a Power-over-Ethernet (Poe) power supply which provides DC power for one Poe-equipped device by "Injecting" DC power through the Spare Pair of the CAT5 (10/100Mbps) Ethernet cable.

ELECTRICAL SPECIFICATION

Nominal Operating Voltage VN	230 V AC, 1 Phase, 50 Hz \pm 1%
Input Operating Voltage Range	140V – 300 V AC \pm 1%
Output Voltage Range	24V \pm 5%
Output Current	1AMP \pm 1%
Ripple & Noise at I/P 230V AC & Full Load	100Mv
Line & Load Regulation	\pm 3%
Working environment	Temperature -40 - +55c
	Humidity relative 90% (25c), altitude 3km

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PROTECTION	
Input	Surge protection
Output	Overload \pm 5% & short circuit

PRODUCT SAFTY	
Insulation resistance	5ohm when tested with 500Vdc
Dielectric voltage withstand test Between shorted input & output Terminals	1.5kv AC rms for 1min

TERMINATION	
A C input	3 pin plug-in type as per IS
power cord	3 pin power cord

ENCLOSURE	
Material	ABS plastic
Accessibility	easy accessible to open top & bottom cover

POE INJECTOR	
Power over Ethernet injector	24V @ 24W on spare pair
Cat-5 cable data lines	Pair1: pins 1/2, pair2: 3/6
Cat-5 cable power lines	-V dc pins 4/5, + Vdc pins 7/8
Connector	2 RJ 45 Metallic Ports

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