

POE Injector (multiple ports)

Output: 4 ports , 240W

Features

- Universal AC input/Full range
- Compatible with all IEEE pre 802.3af, 802.3at and legacy powered devices
- Support 300Vac input for long time work
- Built-in output over load and over voltage protection
- MTBF≥1Mhrs
- Input and output surge protection
- Fanless designed and application
- IEC/EN/UL 60950-1



General specifications

Input characteristics		
Input voltage		90-264Vac
Input current (max.)		4A
Frequency		4~63Hz
Output characteristics		
Output voltage		54~57Vdc
Output power		240W
Output voltage precision		-9%4Vo~+2%Vo
Load regulation		±3%Vo
Ripple and noise		250mV (max.)
Pin assignment and polarity	4-pair for full power	3/6/4/5 (+) and 1/2/7/8 (-)
	2-pair for full power	3/6(+) and 1/2(-)
Port		4
Pass through data rates		10/100/1000 Mbps
LED indicator		Power&PoE Status(The module operates normally when MID and END are on)
Base function		Compliance to IEEE 802.3 at/af Standard for PD
Network medium		10BASE-T: unshielded twisted pair category 3, 4 or 5 100BASE-TX: unshielded twisted pair category 5 and above 1000BASE-TX: unshielded twisted pair category 5 and above

Protection Characteristics	
Output over voltage protection	Automatically recover without damage
Output over current protection	Automatically recover without damage
Short circuit protection	Output can be long time shorted, no damaged. Hiccup mode(automatic recovery)
Environmental Characteristics	
Operating ambient temperature	-20℃~60℃(Turn-on @0℃)
Operating humidity	5%RH~90%RH
Vibration	10~500Hz, 2G 10min./1cycle, 60min. each along X,Y, Z axes
EMC&Safety	
Safety	IEC/EN/UL 60950-1
Withstand voltage	Primary to Secondary:4242Vdc, Primary to ground: 2121Vdc, Secondary to ground: 500Vdc
Isolation resistance	Primary to Secondary & Primary to Field ground:10MΩ
RS	EN61000-4-3, Level 2
CS	EN61000-4-6, Level 2
CE, RE	EN 55022 Class B
Surge protection	Power input port meets EN 61000-4-5 criterion B: L-N 1KV L,N-PE 2KV Output communication port:1KV different mode (criterion B)
ESD	EN61000-4-2 Level 3
EFT	EN61000-4-4 Level 2
Voltage Dips	EN61000-4-11
Harmonic	EN61000-3-2 Class A

Order information

MPN	Input voltage	Output voltage/Output current	Power	Efficiency	Physical dimensions
LAS240-57CN-RJ45-4	90-264Vac	56Vdc/4.2A	240W	-	240*225*43mm

Note: All information contained in this datasheet is subject to change without notice, please visit our official website www.suplet.com for the latest information and refer to the user manual for more details.