

## Single port POE midspan LAS60-57CN-RJ45

### RoHS Compliant



### ■ Features

- RoHS compliant
- Compatible With All IEEE pre 802.3af, 802.3at and Legacy Powered Devices
- Input voltage:90Vac~264Vac
- Support 300Vac input for long time work
- Output over current protection
- Short circuit protection
- MTBF  $\geq 1,000,000$  hrs
- Surge protection
- CE mark
- WEEE compliant

### ■ Applications

- IP camera
- IP phone
- Ethernet switch
- Internet

### Description

The converter is designed to extract power from a conventional twisted pair Category 5 Ethernet cable, conforming to the IEEE 802.3at Power-over-Ethernet (PoE) standard.

The converter signature and control circuit provides the PoE compatibility signature and power classification required by the Power Sourcing Equipment (PSE) before applying up to 60W power to the port.

**Electrical Specifications****Input Characteristics**

Parameter	Units	Specifications			Notes & conditions
		Min.	Typ.	Max.	
Input Voltage Range	Vac	90	100-240	264	300Vin for long time
Input Current	A	-	-	2	
Input Frequency Range	Hz	47	50/60	63	

**Output Characteristics**

Parameter		Units	Specifications			Notes & conditions
			Min.	Typ.	Max.	
Output Voltage Range		Vdc	54	56	57	
Output Power		W	-	-	60	
Output Voltage Tolerance		%Vo	-4	-	2	
Load Regulation		%Vo	-	-	±1	
Pin Assignment and Polarity	Data Pairs		3/6 (-) and 1/2 (+)			
	Spare Pairs		7/8(-) and 4/5(+)			
Pass Through Data Rates		Mbps	10/100/1000			
No. of Ports			-	2	-	Two 10/100/1000M adaptive RJ45 ports, one is DATA/IN, another is PoE/DATA
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**

Parameter	Units	Specifications			Notes & conditions
		Min.	Typ.	Max.	
Output Over Current Protection	mA	1000	1190	1300	
Short Circuit Protection		-	Yes	-	

**General Specifications**

Parameter	Units	Specifications			Notes & conditions
		Min.	Typ.	Max.	
MTBF	Hour	-	1,000,000	-	SR-332 Issue 3, 25 °C
Weight	g	-	473	-	
Dimension	185mm*70.8mm*37mm (L*W*H)				
Warranty	Year	2	-	-	

**Environmental Specifications**

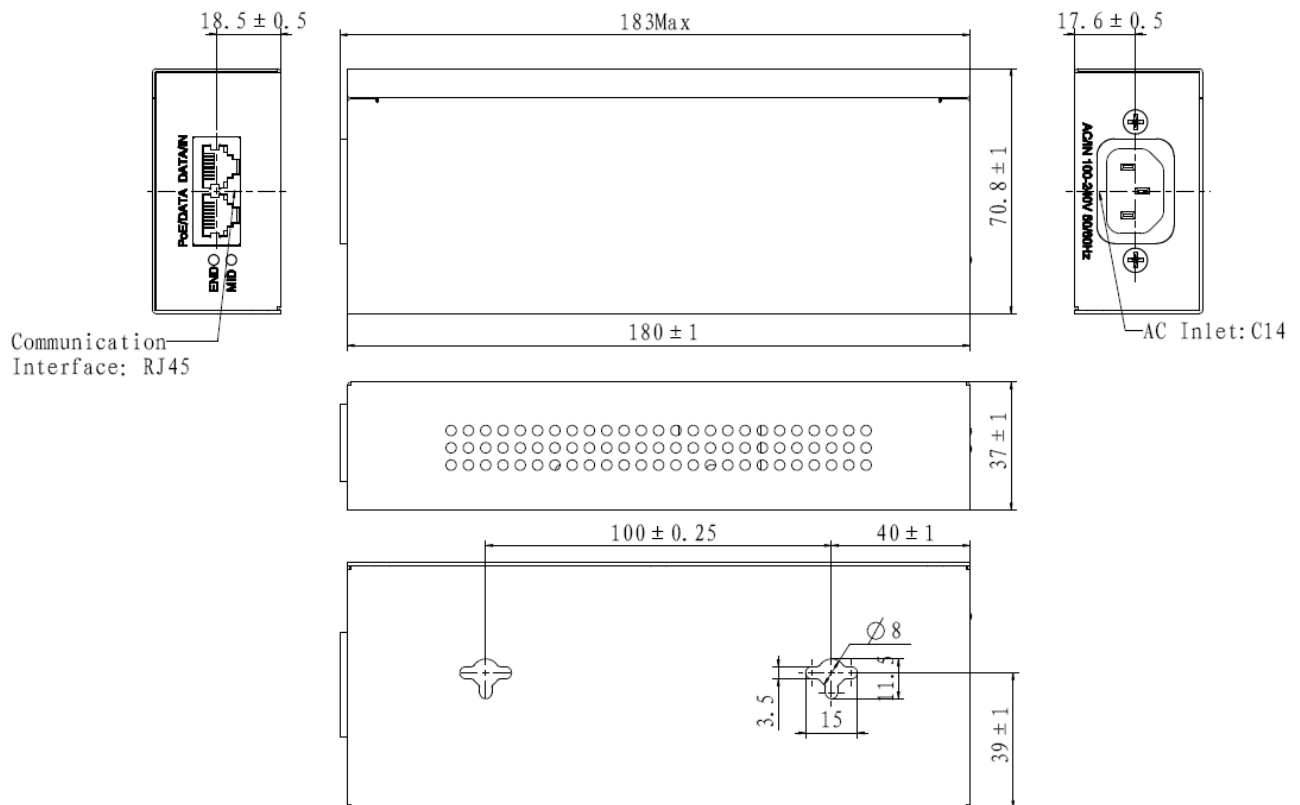
Parameter	Units	Specifications			Notes & conditions
		Min.	Typ.	Max.	
Operating Ambient Temperature	°C	-20	-	60	Turn-on @ -40 °C
Storage Temperature	°C	-40	-	70	
Operating Humidity	RH(%)	5	-	90	
Storage Humidity	RH(%)	5	-	95	
Operating Altitude	m	0	-	3000	

**Safety Specifications**

Parameter	Units	Specifications			Notes & conditions
		Min.	Typ.	Max.	
Safety	Compliant to UL60950-1,EN60950-1				

**EMC Specifications**

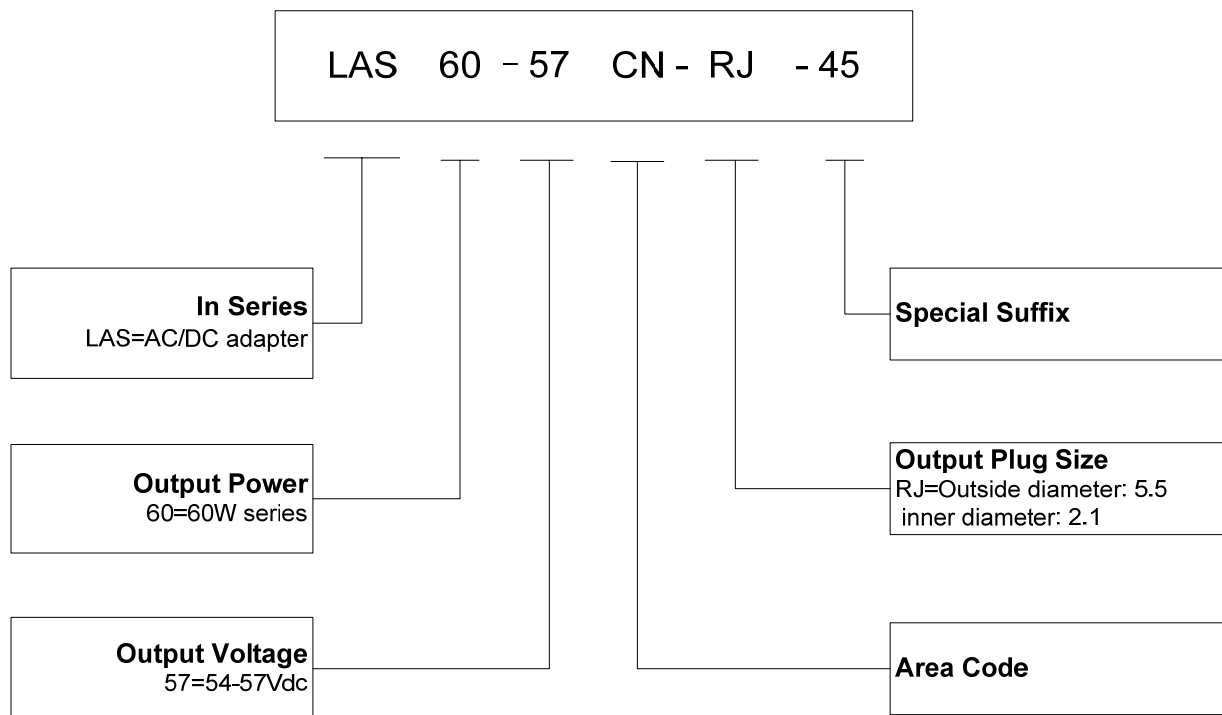
Parameter	Units	Specifications			Notes & conditions
		Min.	Typ.	Max.	
Electromagnetic	FCC Part 15, Class B				
Emission	EN 55022 Class B				
Immunity	EN55024,VCCI				
Surge Protection	Power input port meets EN 61000-4-5 criterion B: L-N 2KV L,N-PE 4KV Output communication port :1kV differential mode (criterion B)				

**Outline Diagram****Figure 1. Outline Diagram**

Dimensions are in millimeters and (inches).

Tolerances: x.xx mm  $\pm 0.25$ mm (Unless otherwise indicated)

## Naming Rules On Models



**For more information please contact SUPLET, Co., Ltd.**

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