

**FEATURES**

- Universal AC input
- Built-in active PFC function
- Short Circuit, Output Overload and Over Voltage Protection
- LED Indicator for output ON
- Forced air cooling by Fan
- 100% full load burn-in test
- Conformal coating on PCBAs to protect against common dust and pollutants
- Also available with DIN-rail mount bracket

APPLICATION

- Industrial Control System
- Factory Automation
- Electromechanical apparatus

**MODEL INFORMATION**

Model Number	Output Voltage	Output Current	Mounting Style
LESA240P12	12V	20A	Panel Mount
LESA240P15	15V	16A	Panel Mount
LESA240P24	24V	10A	Panel Mount
LESA240P48	48V	5A	Panel Mount

ORDER INFORMATION

LE S A 240 ☐ X ☐ Y	
LE	Lubi Electronics
S	Single Output
A	Series
240	Total Power
☐ X	P = Panel Mounting
☐ Y	Output Voltage : 12, 15, 24, 48

INPUT SPECIFICATIONS

AC Input Voltage	90~264VAC
AC Input Current	1.8A/230V AC
DC Input Voltage	124~370V DC
Max Inrush Current	40A COLD START
Leakage Current	<2mA/240V AC

OUTPUT SPECIFICATIONS

MODEL NUMBER	LESA240P12 / LESA240B12	LESA240P15 / LESA240B15	LESA240P24 / LESA240B24	LESA240P48 / LESA240B48
Output Voltage	12V	15V	24V	48V
Output Current	20A	16A	10A	5A
Output Power	240W	240W	240W	240W
Output Voltage Adj. Range	10 ~ 14 V	12 ~ 18 V	20 ~ 28 V	41 ~ 56 V
Efficiency	85.00%	85.00%	85.00%	85.00%
Line Regulation	+/- 0.3%	+/- 0.3%	+/- 0.2%	+/- 0.2%
Load Regulation	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%
Ripple / Noise	150mVp-p	150mVp-p	150mVp-p	150mVp-p
Setup Time / Rise Time	800mS / 50mS			
Hold Time	20mS			
Indicator	Green Led			

PROTECTION

Short Circuit	Shut Down Output Voltage, Re-power On To Recover			
Over Load	110~150% Rated Output Power			
	Protection type : Hiccup mode, recovers automatically after fault condition is removed			
Over Voltage	14.7 ~ 17.5 V	19 ~ 22.5 V	29.5 ~ 35 V	57.6 ~ 67.2 V
	Protection type : Shutdown output voltage, Re-power on to recover			

ENVIRONMENT

Storage Temp./Humidity	-40 ~ +85°C, 10~95% RH
Working Temp./Humidity	-20 ~ +50°C, 20~95% RH non-condensing

SAFETY & EMC

Safety	Compliance to EN 61558-1:2005/A1:2009, EN 61558-2-16 : 2009/A1:2013
EMC Emission (EMI)	Compliance to EN 55011 (CISPR 11), EN 61000-3-2,-3
EMC Immunity (EMS)	Compliance to IEC 61000-4-2,3,4,5,6,8,11
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:>100M Ohms / 500VDC / 25 °C/ 70% RH
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC

MECHANICAL DIMENSION

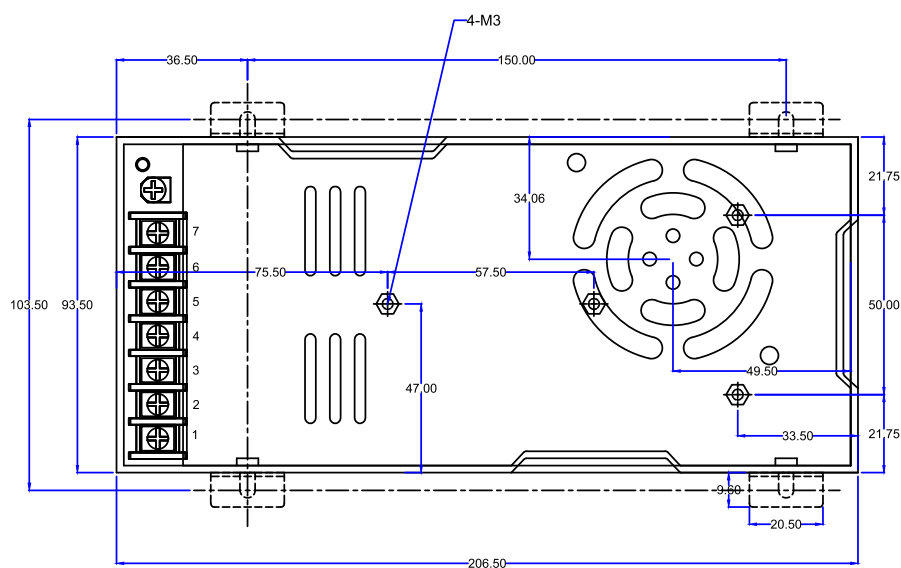
Case Chassis / Cover	Aluminium
Dimension	190 x 93 x 50mm (±1.0mm Tolerance)
Terminal	7 Pins

Note :

1. Instruction for Installation in a pollution degree 2 environment.  Equipment of overvoltage category II
2. Ripple & Noise are measured at 20MHz by using 300mm twisted pair of load wires terminated with 0.1uF, 100V Film Capacitor parallel with 47uF Electrolytic Capacitor

MOUNTING DRAWING**Panel Mounting**

- LESA240P12
- LESA240P15
- LESA240P24
- LESA240P48

**Terminal Pin No. Assignment**

Pin No.	Assignment
1	AC/L
2	AC/N
3	FG ⊕
4, 5	DC OUTPUT -V
6, 7	DC OUTPUT +V

