

**FEATURES**

- Universal AC Input range
- **Protection** : Short Circuit, Overload, Over Voltage
- Cooling By Free Air
- 100% Full Load Burn In Test

APPLICATION

- Industrial Control System
- Factory Automation
- Electromechanical apparatus

MODEL INFORMATION

Model Number	Output Voltage	Output Current	Mounting Style
LESA50D12	12V	4.2A	Din Rail Mounting
LESA50D24	24V	2.2A	Din Rail Mounting
LESA50D15	15V	3.5A	Din Rail Mounting
LESA50D5	5V	10A	Din Rail Mounting

ORDER INFORMATION

LE S A 50 ☐ X ☐ Y	
LE	Lubi Electronics
S	Single Output
A	Series
50	Total Power
☐ X	D = Din Rail Mounting
☐ Y	Output Voltage : 5, 12, 15, 24

INPUT SPECIFICATIONS

AC Input Voltage	100 ~ 264VAC, 50/60Hz
AC Input Current	0.95A/115V AC 0.56A/230V AC
DC Input Voltage	140 ~ 373VDC
Max Inrush Current	40A COLD START
Leakage Current	<0.75mA/240V AC

OUTPUT SPECIFICATIONS

MODEL NUMBER	LESA50D5	LESA50D12	LESA50D15	LESA50D24
Output Voltage	5V	12V	15V	24V
Output Current	10A	4.2A	3.5A	2.2A
Output Power	50W	50W	50W	50W
Output Voltage Adj. Range	4.5~5.5V	10.2~13.8V	13.5~18.0V	21.6~28.8V
Efficiency	83%	85%	85%	85%
Line Regulation	±0.50%	±0.50%	±0.50%	±0.50%
Load Regulation	±1%	±1%	±1%	±1%
Ripple / Noise	80mVpp	120mVpp	120mVpp	150mVpp
Setup Time / Rise Time	1000ms, 30ms/230VAC			
Hold Time	30ms/230VAC			
Indicator	Green LED			

PROTECTION

Short Circuit	Shut Down Output Voltage, Re-power On To Recover			
Over Load	110~140% Rated Output Power			
	Protection type : Hiccup mode, recovers automatically after fault condition is removed			
Over Voltage	5.9~7.3V	13.8~16.2V	18.7~21.7V	28.8~33.6V
	Protection type : Hiccup mode, recovers automatically after fault condition is removed			

ENVIRONMENT

Storage Temp./Humidity	-40 ~ +85°C, 10~95% RH
Working Temp./Humidity	-20 ~ +50°C, 20~90% RH non-condensing

SAFETY

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 / SS
Dimension	109 x 80 x 46mm (±1.0mm Tolerance)
Terminal	3 Pins

Note :

1. Instruction for Installation in a pollution degree 2 environment. $\square$ 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**

- LESA50D05
- LESA50D12
- LESA50D15
- LESA50D24

