

**FEATURES**

- Universal AC input
- Short Circuit, Output Overload and Over Voltage Protection
- LED Indicator for output ON
- Convection cooled
- 100% full load burn-in test
- Conformal coating on PCBAs to protect against common dust and pollutants
- Slim profile for DIN-rail mounting

APPLICATION

- Industrial Control System
- Factory Automation
- Electromechanical apparatus

MODEL INFORMATION

Model Number	Output Voltage	Output Current	Mounting Style
LESA240D24	24V	10A	DIN rail Mount
LESA240D48	48V	5A	DIN rail Mount

ORDER INFORMATION

LE S A 240 D Y	
LE	Lubi Electronics
S	Single Output
A	Series
240	Total Power
D	D = DIN rail Mounting
Y	Output Voltage : 24, 48

INPUT SPECIFICATIONS

AC Input Voltage	100~264VAC, 50/60 Hz
AC Input Current	2.5A/115V AC 1.3A/230V AC
DC Input Voltage	140~370VDC [DC input operation possible by connecting AC/L(+), AC/N(-)]
Max Inrush Current	20A/115VAC 35A/230VAC
Leakage Current	<1mA/240V AC

OUTPUT SPECIFICATIONS

MODEL NUMBER	LESA240D24	LESA240D48
Output Voltage	24V	48V
Output Current	10A	5A
Output Power	240W	240W
Output Voltage Adj. Range	24 ~ 28 V	48 ~ 55 V
Efficiency	85%	85%
Line Regulation	+/- 0.5%	+/- 0.5%
Load Regulation	+/- 1%	+/- 1%
Ripple / Noise	<120mVp-p	<150mVp-p
Setup Time / Rise Time	1200mS / 60mS 230VAC 2500mS / 60mS 115VAC at full load	
Hold Time	16mS / 230VAC 10mS/115VAC at full load	
Indicator	Green Led	

PROTECTION

Over Voltage	29~33V	56~65V
	Protection Type : Shut Down Output Voltage, Re-power On to Recover	
Over Load	105~130% rated output power	
	Contant Current limiting,recovers automatically after fault condition removed	

ENVIRONMENT

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

MECHANICAL DIMENSION

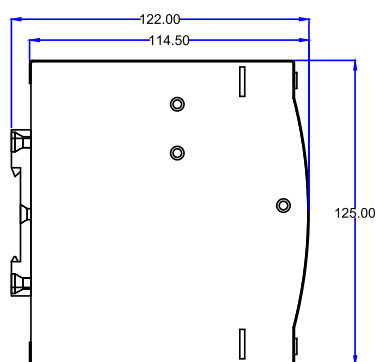
Case Chassis / Cover	Aluminium / SS
Dimension	40 x 126 x 114mm (W x H x D) (±1.0mm Tol.)

Note :

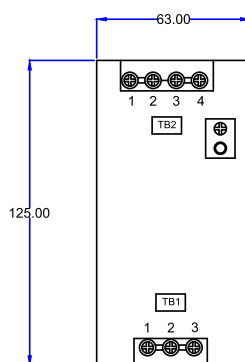
1. Instruction for Installation in a pollution degree 2 environment. $\square$ Equipment of overvoltage category II
2. Ripple & Noise are measured at 20MHz by using 300mm twisted pair of load wires terminated with 0.1uF, 100V Film Capacitor parallel with 47uF Electrolytic Capacitor

MOUNTING DRAWING

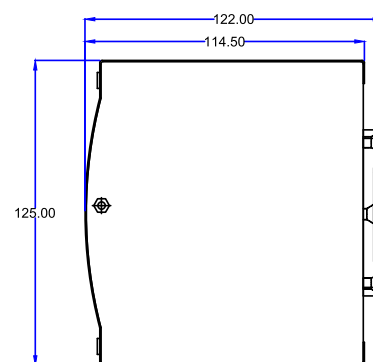
Mechanical Specification



SIDE VIEW

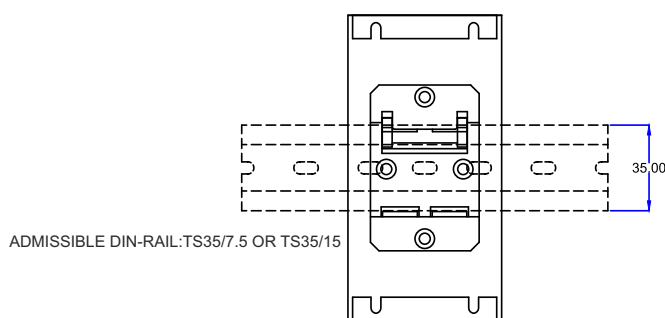


FRONT VIEW



SIDE VIEW

Installation Instruction



BOTTOM VIEW

Terminal Pin No. Assignment (TB1)

Pin No.	Assignment
1	⊕ Ground
2	AC/N or DC -
3	AC/L or DC +

Terminal Pin No. Assignment (TB2)

Pin No.	Assignment
1,2	DC OUTPUT -V
3,4	DC OUTPUT +V

