

**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
LESB100D24	24V	4.5A	DIN rail Mount

ORDER INFORMATION

LE S B 100 X Y	
LE	Lubi Electronics
S	Single Output
B	Series
100	Total Power
X	D = DIN rail Mounting
Y	Output Voltage : 24

INPUT SPECIFICATIONS

AC Input Voltage	90~264VAC
AC Input Current	1.9A/115V AC 1.2A/230V AC
DC Input Voltage	125~370V DC
Max Inrush Current	50A at 230V AC Ta=25°C (COLD START)
Leakage Current	<1mA/230V AC

OUTPUT SPECIFICATIONS

MODEL NUMBER	LESB100D24
DC Voltage	24V
Rated Current	4.5A
Output Power	108W (Max.) (100W nominal)
Output Voltage Adj. Range	21 ~ 27 V
Efficiency	>84%
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple & Noise (Note 1)	200mVp-p
Hold Time	10mS / 115VAC 30mS / 230VAC
Indicator	Green Led

PROTECTION

Short Circuit	Shut Down Output Voltage, Re-power On To Recover
Over Load	Above 110% Rated Output Power
Over Voltage	28 ~ 33 V

ENVIRONMENT

Storage Temp.	-20 ~ +70°C
Operating Temp.	-10 ~ +50°C Derate linearly to 60% load from +50 to +70°C.
Operating Humidity	20 ~ 90% RH Non Condensing
Temperature Coefficient	<0.03% / °C

MECHANICAL DIMENSION

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

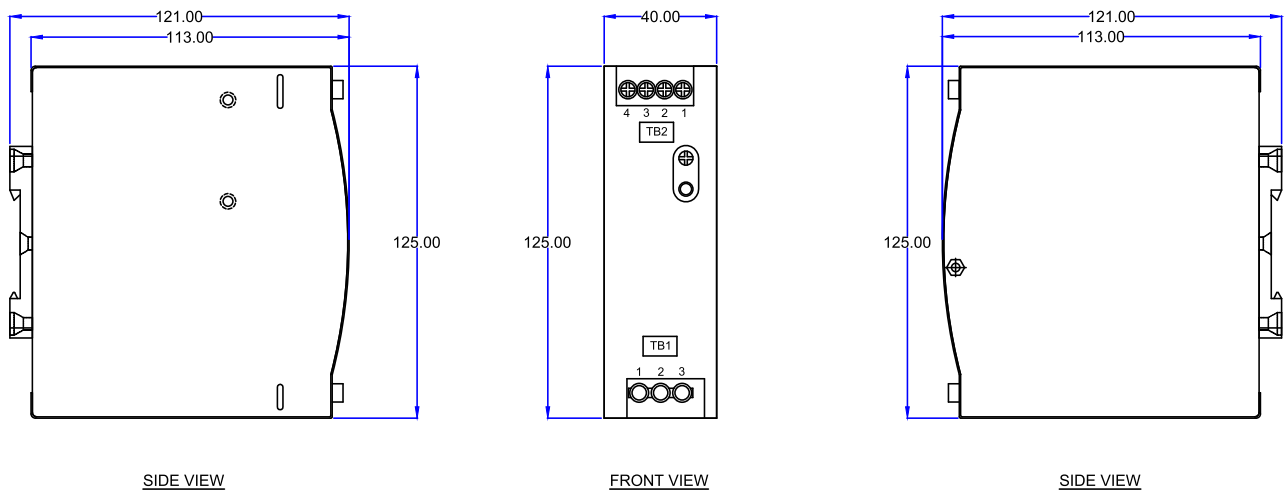
Note :

1. Instruction for Installation in a pollution degree 2 environment. □ 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
3. Current limit with automatic recovery. Avoid to operate at overload or dead short for more than 30 seconds.
4. In Over voltage situation, Output will shutdown and required manual reset (Re- power on)

MOUNTING DRAWING

Mechanical Specification

Unit : mm



Installation Instruction

Terminal Pin No. Assignment (TB1)

Pin No.	Assignment
1	FG ⊕
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

