

**FEATURES**

- Universal AC input
- Short Circuit, Output Overload and Over Voltage Protection
- Withstand 300VAC surge input for 5 second
- LED Indicator for output ON
- Convection cooled
- 100% full load burn-in test
- Conformal coating on PCBAs to protect against common dust and pollutants
- Low profile 30 mm height 1U design

APPLICATION

- Industrial Control System
- Factory Automation
- Electromechanical apparatus

**MODEL INFORMATION**

Model Number	Output Voltage (Vdc)	Output Current (Idc)	Mounting Style
LESB150P5	5V	22A	Panel Mount
LESB150P12	12V	12.5A	Panel Mount
LESB150P15	15V	10A	Panel Mount
LESB150P24	24V	6.25A	Panel Mount
LESB150P36	36V	4.3A	Panel Mount
LESB150P48	48V	3.3A	Panel Mount

ORDER INFORMATION

LE S B 150 ☐ Y	
LE	Lubi Electronics
S	Single Output
B	Series
150	Total Power
☒ X	P = Panel Mounting
☐ Y	Output Voltage : 5, 12, 15, 24, 36, 48

INPUT SPECIFICATIONS

AC Input Voltage	90~264VAC
AC Input Current	1.7A/230V AC
DC Input Voltage	124~370V DC
Max Inrush Current	60A COLD START
Leakage Current	<1mA/240V AC

OUTPUT SPECIFICATIONS

MODEL NUMBER	LESB150P5	LESB150P12	LESB150P15	LESB150P24	LESB150P36	LESB150P48
Output Voltage (Vdc)	5V	12V	15V	24V	36V	48V
Output Current (Idc)	22A	12.5A	10A	6.25A	4.3A	3.3A
Output Power	110W	150W	150W	150W	150W	150W
Output Voltage Adj. Range	4.5~5.5	11~17	13.5~18	21.7~28.7	32.5 ~ 39.5 V	43.4 ~ 52.5 V
Efficiency	>85.00%	>85.00%	>85.00%	>85.00%	>85.00%	>85.00%
Line Regulation	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%
Load Regulation	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%
Ripple / Noise	100mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p
Setup Time / Rise Time	500mS / 30mS					
Hold Time	16mS					
Indicator	Green Led					

PROTECTION

Short Circuit	Shut Down Output Voltage, Re-power On To Recover					
Over Load	110~140% Rated Output Power					
Over Voltage	5.75~6.75 V	13.8~16.2 V	18.75~21.75 V	28.8~33.6 V	41.4~48.6 V	55.2~64.8 V

ENVIRONMENT

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

SAFETY & EMC

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 / SS
Dimension	159 x 97 x 30mm (±1.0mm Tolerance)
Terminal	7 Pins

Note :

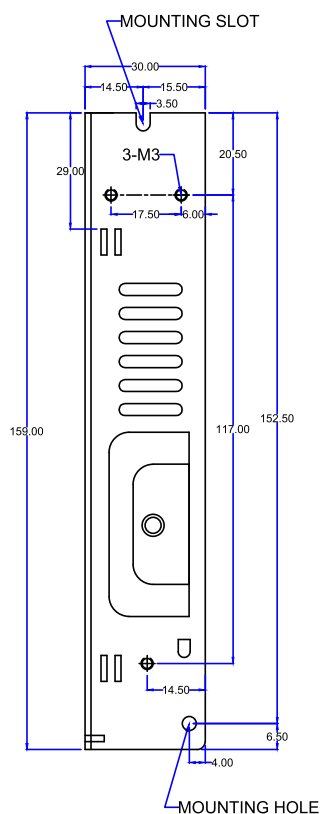
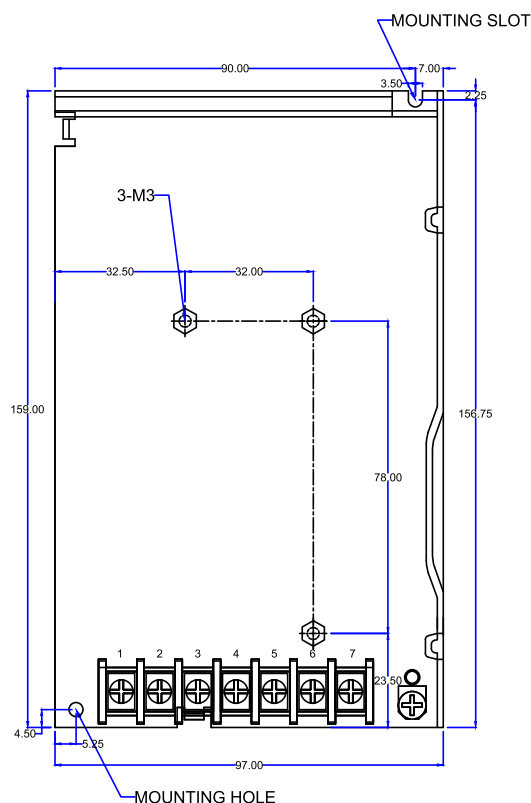
1. Instruction for Installation in a pollution degree 2 environment. □ Equipment of overvoltage category II
2. Ripple & Noise are measured at 20MHz by using 300mm twisted pair of load wires terminated with 0.1uF, 100V Film Capacitor parallel with 47uF Electrolytic Capacitor

MOUNTING DRAWING**Panel Mounting**

- LESB150P5
- LESB150P12
- LESB150P15
- LESB150P24
- LESB150P36
- LESB150P48

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

**SIDE VIEW****FRONT VIEW**