

**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
- 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
LESB75P12	12V	6A	Panel Mount
LESB75P24	24V	3.2A	Panel Mount

ORDER INFORMATION

LE S B 75 ☐ X ☐ Y	
LE	Lubi Electronics
S	Single Output
B	Series
75	Total Power
☐ X	P = Panel Mounting
☐ Y	Output Voltage : 12, 24

INPUT SPECIFICATIONS

AC Input Voltage	100 ~ 264VAC, 50/60Hz
AC Input Current	1.4A/115V AC 0.90A/230V AC
DC Input Voltage	140 ~ 373VDC
Max Inrush Current	61A COLD START
Leakage Current	<0.75mA/240V AC

OUTPUT SPECIFICATIONS

MODEL NUMBER	LESB75P12	LESB75P24
Output Voltage	12V	24V
Output Current	6A	3.2A
Output Power	72W	76.8W
Output Voltage Adj. Range	10.3~13.9V	21.7~28.4V
Efficiency	85%	85%
Line Regulation	±0.50%	±0.50%
Load Regulation	±1%	±1%
Ripple / Noise	120mVpp	150mVpp
Setup Time / Rise Time	500ms, 60ms /230VAC	
Hold Time	45ms /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	13.8~16.4V	28.7~33.3V
	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 & EMC

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 / MS
Dimension	111 x 80 x 30mm (±1.0mm Tolerance)
Terminal	5 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

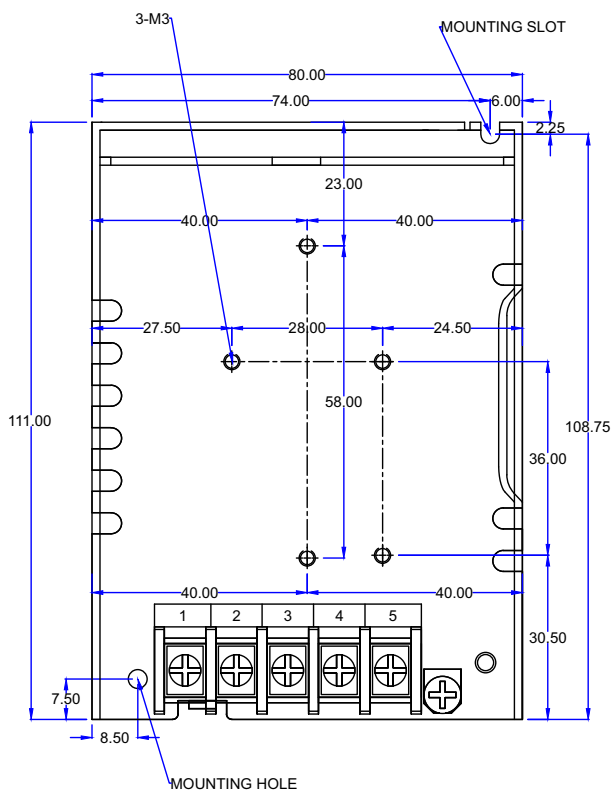
MOUNTING DRAWING

Panel Mounting

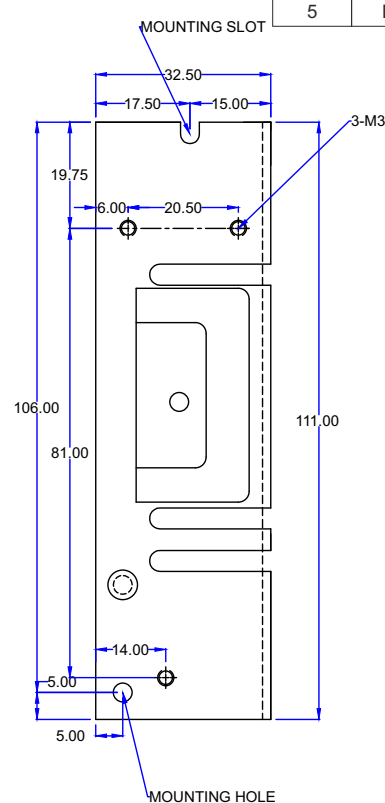
- LESB75P12
- LESB75P24

Terminal Pin No. Assignment (TB1)

Pin No.	Assignment
1	AC/L or DC+
2	AC/N or DC-
3	FG $\oplus$
4	DC Output -V
5	DC Output +V



FRONT VIEW



SIDE VIEW