

Switch Mode Power Supply

LESA480D



FEATURES

- Input voltage Range: 100 - 264VAC or 120 - 370VDC
- Accepts AC or DC input (dual-use of same terminal)
- Operating ambient temperature range : -40°C to +70°C
- LED indicator for power on
- Over-temperature protection, output short circuit, over-current, over-voltage protection
- DC OK function
- Active PFC, PF>0.99

APPLICATION

- Industrial Control System
- Factory Automation
- Electromechanical apparatus

MODEL INFORMATION

Model Number	Output Voltage	Output Current	Mounting Style
LESA480D24	24V	20A	DIN rail Mount

ORDER INFORMATION

LE S A 480 ☐ X ☐ Y	
LE	Lubi Electronics
S	Single Output
A	Series
480	Total Power
☐ X	D = DIN rail Mount
☐ Y	Output Voltage : 24

INPUT SPECIFICATIONS

AC Input Voltage	100 ~ 264VAC, 50/60Hz
AC Input Current	5.5A-2.5A/115~230V AC
DC Input Voltage	120 ~ 370VDC
Max Inrush Current	35A COLD START
Leakage Current	<0.8mA/240V AC

OUTPUT SPECIFICATIONS

MODEL NUMBER	LESA480D24
Output Voltage	24V
Output Current	20A
Output Power	480W
Output Voltage Adj. Range	24~28V
Efficiency	92%
Line Regulation	±0.50%
Load Regulation	±1%
Ripple / Noise	50mVpp
Hold Time	22ms /230VAC
Indicator	Green LED

PROTECTION

Short Circuit	Recovery time 10s after short circuit disappear,
	Re-power On To Recover, Hiccup mode, Turn off 1s, self-recovery
Over Load	150% Rated Output Power
	Protection type : Hiccup mode, recovers automatically after fault condition is removed
Over Voltage	29~35V
	Protection type : Hiccup mode, recovers automatically after fault condition is removed

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ENVIRONMENT

Storage Temp./Humidity	-40 ~ +85°C, 10~95% RH
Working Temp./Humidity	-40 ~ +70°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	AL/SS
Dimension	140 x 53.5 x 125mm (±1.0mm Tolerance)
Terminal	3Pin - 5 Pin

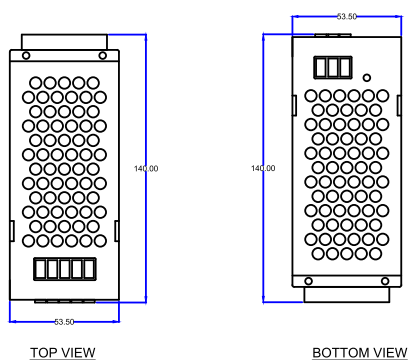
Note :

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

• LESA480D24



Pin-Out	
Pin	Mark
1	-Vo
2	-Vo
3	-Vo
4	+Vo
5	+Vo
6	AC (L)
7	AC (N)
8	

