

DLP SERIES

AC / DC Single Output Din Rail: 75 ~ 240 Watts



Features

- Wide input voltage range
- Five power levels. 75 ~ 240 watts
- PFC and Harmonics Corrected to EN61000-3-2
- EMI: EN 55022- B
- International safety approvals
- CE marked
- Industry standard form factor
- LED Indicators for Power On and Over load
- Fully regulated 24V output
- Zero load operation
- Short Circuit and Over voltage protection

Specifications:

Input Voltage	110 / 240 AC Auto Select: 75 ~ 120 watts 85 ~ 264VAC : 180 ~ 240 watts 120 ~ 370VDC: 180 ~ 240 watts
Frequency	47 ~ 63Hz
Output Voltage	24VDC
Output V Range	21.6 ~ 28V
Indicator	LED - Green (Power ON) LED - Red (Alarm)
Output Power	75 ~ 240 watts
Efficiency	Model dependent 82 ~ 87%
Input Current	DLP75: 0.8A DLP100- DLP120: 1.4A DLP180- DLP240: 1.3A
Input Harmonics	EN61000-3-2
Power Factor	Model dependent > 0.9
Ripple & Noise	240mV pk-pk
Load Regulation	192mV maximum
Line Regulation	120mV maximum
Temp Coefficient	0.05% per °C
Over current Protection	DLP75: Foldback current limit with auto recovery. DLP100-240: Constant current limiting with auto recovery.

Over Voltage Protection	OVP circuit will shutdown output. Recycle AC power after >30 secs to restart
Hold-Up Time	20 / 30ms @ 100 / 230VAC
Leakage Current	<0.75mA
Parallel Operation	NO
Series Operation	YES
Operating Temperature	-10°C to +50°C at 100% load. Derate to 60% load at 60°C
Humidity	30 ~ 90% RH operating
Cooling	Convection cooled
Isolation Voltage	Input – Output: 3000VAC Input – Ground: 2000VAC Output – Ground: 500VAC
Safety	UL1950, EN60950, UL508, UL50178
EMI	EN55011 / EN55022 Lev B
Immunity	EN61000-6-2
Weight	DLP75: 40g DLP100: 540g DLP120: 540g DLP180: 780g DLP240: 1kg
Dimension (W x H x D)	DLP75: 50 x 113 x 110mm DLP100: 60 x 113 x 110mm DLP120: 60 x 113 x 110mm DLP180: 80 x 113 x 110mm DLP240: 120 x 113 x 110mm

Model	Output		Power W
	V	A	
DLP75-24-1E	24V	3.1A	75W
DLP100-24-1E	24V	4.1A	100W
DLP120-24-1E	24V	5.0A	120W
DLP180-24-1E	24V	7.5A	180W
DLP240-24-1E	24V	10A	240W

- Models with Phoenix type terminals (Stock models)

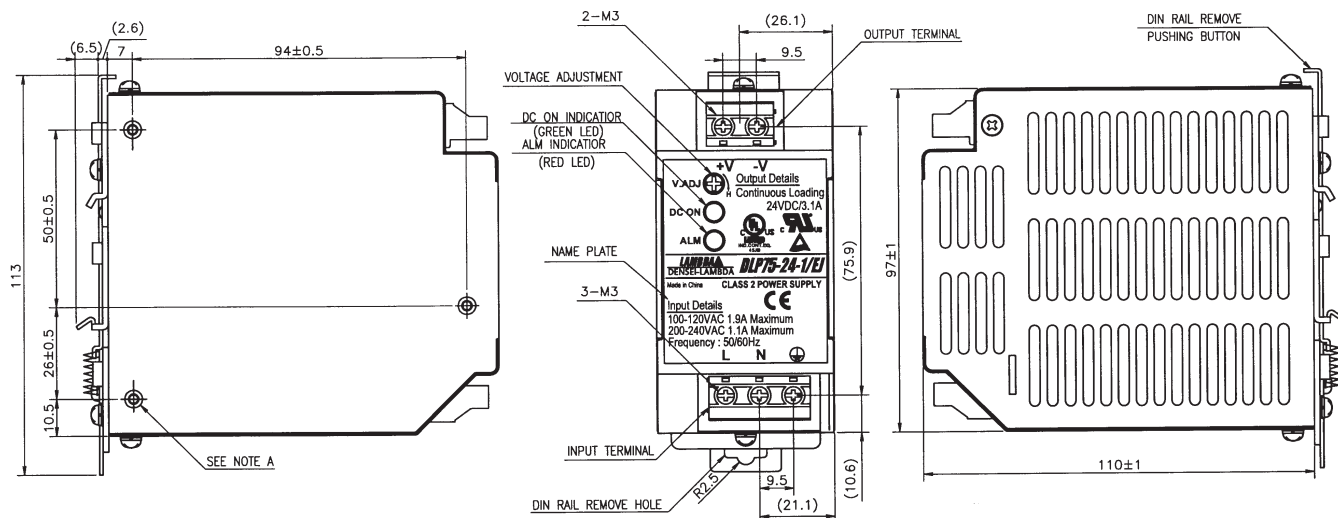
Model	Output		Power W
	V	A	
DLP75-24-1	24V	3.1A	75W
DLP100-24-1	24V	4.1A	100W
DLP120-24-1	24V	5.0A	120W
DLP180-24-1	24V	7.5A	180W
DLP240-24-1	24V	10A	240W

- Screw Terminal block models

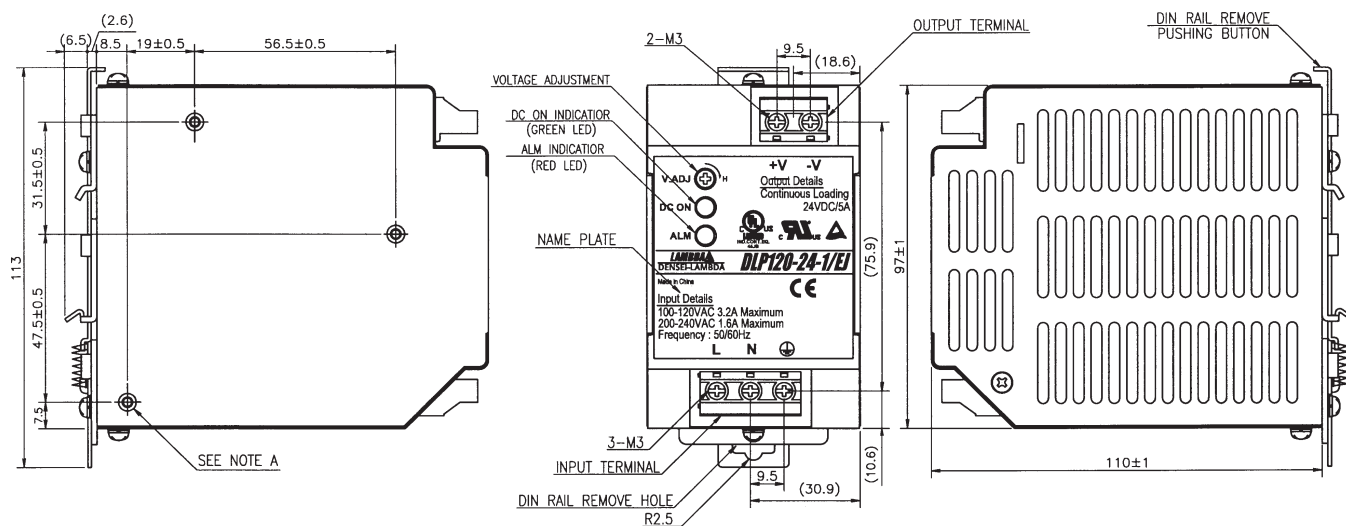
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DLP75



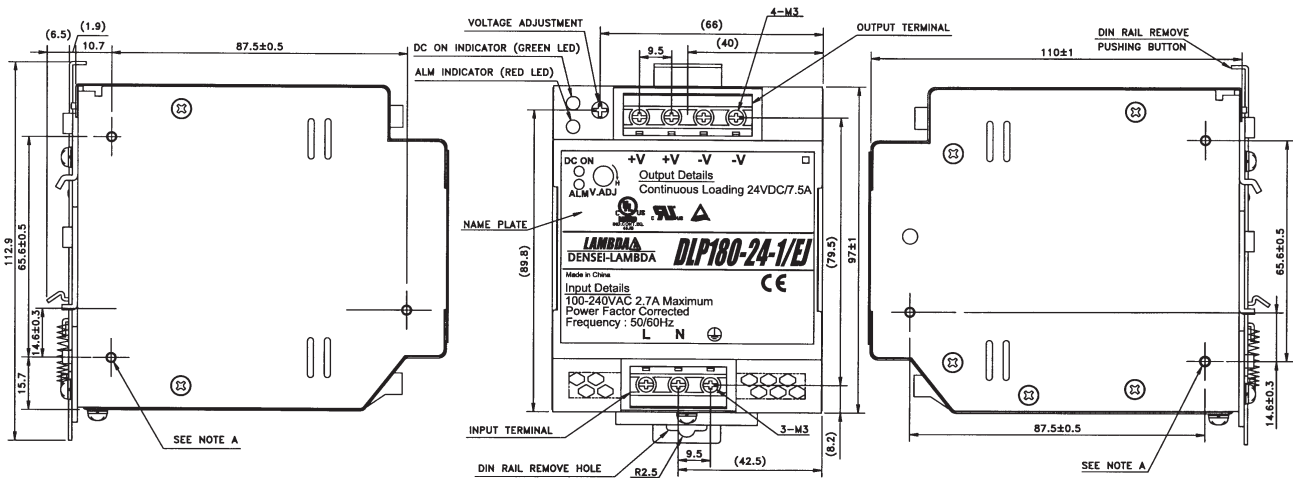
DLP100/DLP120



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DLP180



DLP240

