

PSESM 150W - Power Supply

FEATURES

- AC Input Range Selectable By Switch
- Short Circuit/Overload/Over Voltage Protection
- Cooling By Free Air Convection
- LED Indicator for Power On
- 100% Full Load Burn-in Test
- High Efficiency, Long Life and High Reliability



DESCRIPTION

Anaheim Automation's PSESM series is a cost-effective choice for your power supply requirements. This power supply provides up to 150Watts of power at voltages of 24 and 48VDC with a switch selectable input range of 90-132VAC to 180-264VAC. Each power supply is equipped with an LED indicator for power on in addition to short-circuit, overload, and over voltage protection features. Compact in size and affordably priced, they provide up to 86% efficiency, high reliability, and a long lifetime.

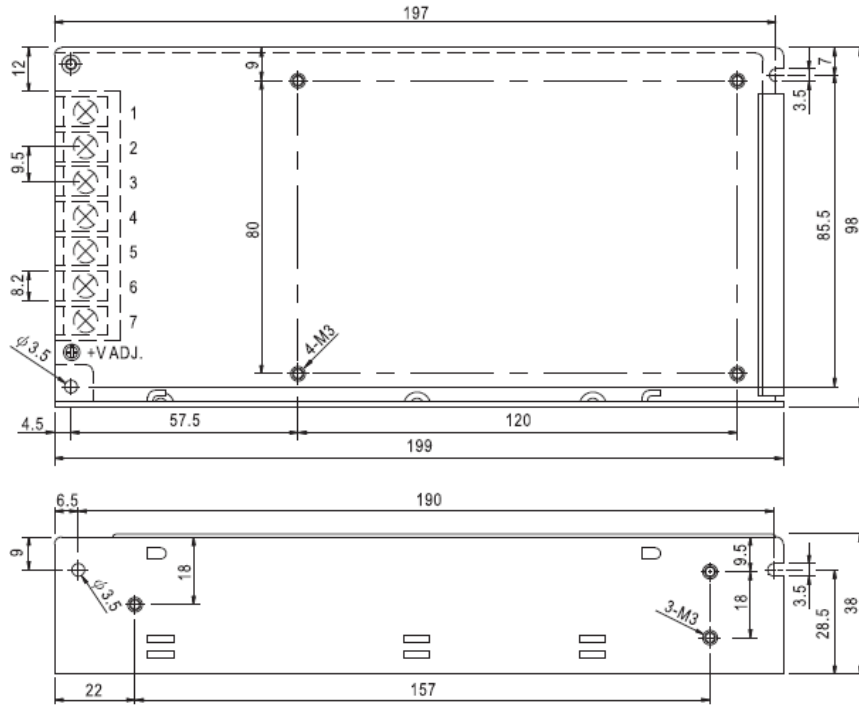
SPECIFICATIONS

INPUT						
Voltage Range (VAC)	Voltage Range (VDC)	Frequency Range	Efficiency	AC Current	Inrush Current (Cold Start)	Leakage Current
90~132/ 180~264 selected by switch	254~373	47~63 Hz	86%	3A/115VAC 2A/230VAC	45A/230VAC	<2mA/240VAC

OUTPUT											
Part Number	DC Voltage	Rated Current (A)	Current Range (A)	Rated Power (W)	Ripple & Noise	Voltage Adj. Range (V)	Voltage Tolerance	Line Regulation	Load Regulation	Setup, Rise Time	Hold Time
PSESM-0150-1-24V-6.5A	24V	6.5	0~6.5	156	120mVp-p	22.8~27.6	±1.0%	±0.5%	±0.5%	800ms, 20ms/230 VAC	24ms/230 VAC
PSESM-0150-1-48V-3.3A	48V	3.3	0~3.3	158.4	200mVp-p	45.6~52.8	±1.0%	±0.5%	±0.5%	800ms, 20ms/230 VAC	24ms/230 VAC

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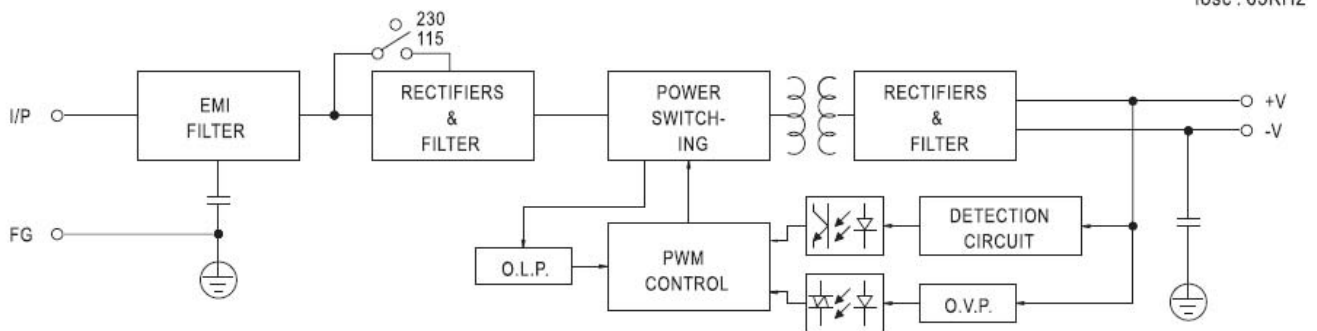
DIMENSIONS



Terminal Pin No. Assignment

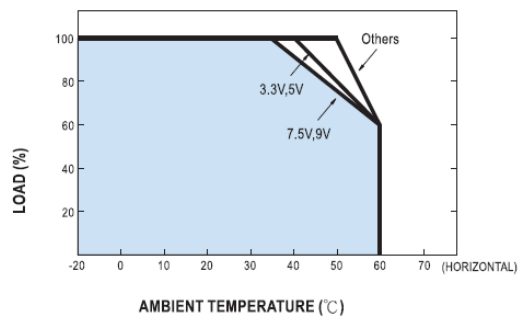
Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG \perp		

BLOCK DIAGRAM



DERATING GRAPHS

Derating Curve



Static Characteristics

