

40W Open Frame Single Output Power Supply

NAD-400X series

Feature:

- 90 to 264Vac universal input range.
- UL, CSA, TUV safety approval.
- EMI/RFI meet VDE & FCC limit B.
- Low cost & compact size.
- 40Watts in 127 × 76 × 34mm Size.
- 2 Year Warranty.

Specifications: typical at nominal line, full load at 25 ° C.

Input Specifications:	General Specifications:
Input voltage: 90 to 264Vac	Efficiency: 70% typical at full load
Input Frequency: 47 Hz to 440Hz	Hold-up time: 12ms @ 110Vac full load
Input inrush current: 12A at 115Vac 24A at 230Vac	EMI/RFI: VDE & FCC Class B limits
Earth leakage: 0.2mA max @ 110VAC 0.4mA max @ 230VAC	Dielectric Withstand: Input/output: 3000VAC Input/Ground: 1500VAC
Output Specifications:	Safety Approval: UL UL1950 CSA 22.2-234/950 TUV EN60950
Output Rating: See Rating Charts	
Line Regulation: ±1% max	
Load Regulation: ±1% max.	Switching frequency: 30kHz
Transient Response: ±1% max.dev. (Full to half load) 500uSec recovery	Weight: 280g
	MTBF: 100,000hours(MIL-HDBK-217F)
Temperature Coefficient: ±0.02% / °C	Environmental Specifications:
Ripple & Noise: 1% P-P max	Operating temperature: 0 to +50°C
Protections: a. Over current protection b. Over voltage protection c. Over power protection d. Short circuit protection	Storage temperature: -40 to +85°C
	Humidity: 5 to 95 % RH non-condensing
	Vibration: 2.4G , 5 to 500Hz
	Cooling: Free air convection

Note:

1. Vibration test: Three orthogonal axes, random vibration, 10 minutes for each axis.
2. Maximum output power is 40W.

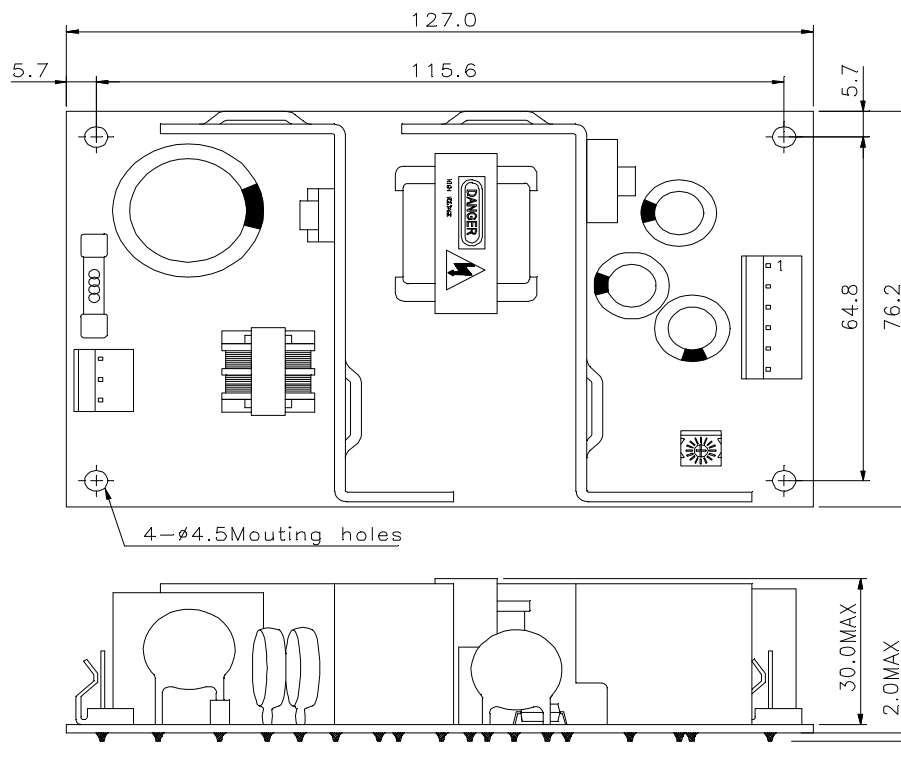
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Model No.	Output Voltage	Output Current Minimum	Output Current Maximum	Max. Power
NAD-4001	5V	0mA	8A	40W
NAD-4002	12V	0mA	3.3A	40W
NAD-4003	15V	0mA	2.5A	40W
NAD-4004	24V	0mA	1.6A	40W
NAD-4005	3,3V	0mA	10A	35W

*Other output voltage versions available. Consult factory for details.

Dimensions: mm±0.5mm



Output Pin Functions	
Pin1,2,3	+ out
Pin4,5,6	com

- ◆ DC output mating connector is Molex 09-91-0600
- ◆ AC input mating connector is Molex 09-953-031

