

▶ 60W Triple Output Internal Power Supplies

▶ DESCRIPTION

The NSP-HL6136 Triple Output series of Enclose constructed, AC/DC switching mode power supplies provide 60 Watts of continuous output power. They are ideally suited for use in disc drive systems, micro-process or based systems, portable equipments and many other applications, all models are designed to meet the safety requirements of UL1950/CSA C22.2 No. 950 3rd/EN60950, IEC60950 TUV, CB, CCC GB 943 standard and CE requirements. All units are 100% burned in and tested. EMI: EN55022 Class B, FCC CFR 47 Part 15 Class B, CNS 13438 Class B. EMS: EN55024, EN61000-4-2,3,4,5,6,8,11.

▶ FEATURES

- Wide Input Voltage 90 to 264 VAC, 47 to 63 Hz
- Built-In EMI Filter, Low Ripple Noise
- PFC Function
- Triple Output Voltages
- Power ON with LED Indicator
- 3 year warranty
- Size: 3.74" x 6.26" x 1.5"
- Low Cost
- No Load Requirement
- 100% Burn-In at 50°C
- MTBF 472K Hours
- CONVECTION COOLED, NATURAL COOLING



▶ ELECTRICAL CHARACTERISTICS

- Efficiency: 74% min.
- Line Regulation: 1% max.
- Load Regulation: 3%-10%. (see table)
- Hold-up Time: >80mS min at 230VAC.
- Output ripple and noise: 1% max.

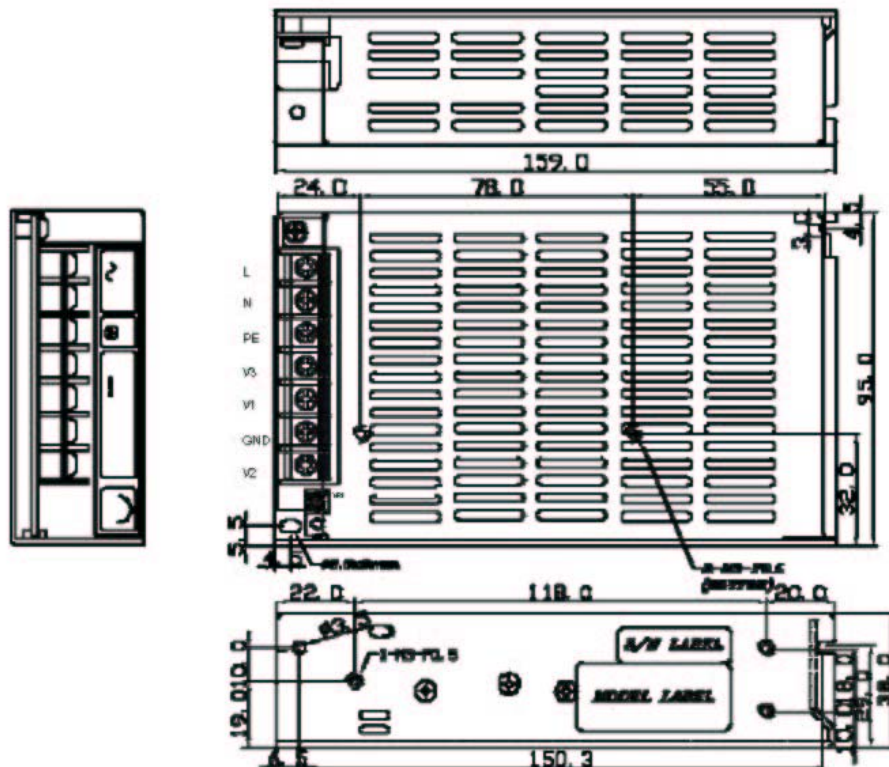
▶ ENVIRONMENTAL

- Operating Temperature: -10 to 70°C
- De-rate linearly from 42 to 70°C by 2.0%/°
- Storage Temperature: -20 to 85°C
- Relative Humidity: 5 to 95%

OUTPUT VOLTAGE AND CURRENT RANGE

Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Efficiency	Ripple Noise Max
▶ NSP-HL6136A	+5.0VDC +12.0VDC -5.0VDC	0.3A - 8.0A 0.1A - 3.5A 0A - 1.0A	±3% ±5% ±10%	60W	74%	50mV 120mV 100mV
▶ NSP-HL6136B	+5.0VDC +12.0VDC -12.0VDC	0.3A - 7.0A 0.1A - 3.5A 0A - 1.0A	±3% ±5% ±10%	60W	74%	50mV 120mV 150mV
▶ NSP-HL6136C	+5.0VDC +15VDC -15VDC	0.3A - 7.0A 0.1A - 3.0A 0A - 1.0A	±3% ±5% ±10%	60W	74%	50mV 150mV 200mV
▶ NSP-HL6136D	+5.0VDC +12.0DC +24.0VDC	0.3A - 6.0A 0.1A - 1.5A 0A - 1.2A	±3% ±5% ±10%	60W	74%	50mV 120mV 200mV

Dimension: (Unit: mm)



NOTES:

1. MATERIAL : COVER SPCC & CHASSIS NATURAL ALUMINIUM.
2. TERMINAL BLOCK : 7P, PITCH 9.5 mm. (STANDARD)