

▶ 35W Dual Output Internal Power Supplies

▶ DESCRIPTION

The NSP-HL6130 Dual Output series of Enclose constructed, AC/DC switching mode power supplies provide 35 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 UL60950/EN60950, TUV, CB 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
- Green Mode Design, <0.75W
- Dual Output Voltages
- Power ON with LED Indicator
- 3 year warranty
- Size: 3.23" x 3.9" x 1.38"
- Low Cost
- No Load Requirement
- 100% Burn-In at 50°C
- MTBF 472K Hours
- CONVECTION COOLED, NATURAL COOLING

▶ ELECTRICAL CHARACTERISTICS

- Efficiency: 76% min.
- Line Regulation: 1% max.
- Load Regulation: 3%-5%. (see table)
- Hold-up Time: >40mS min at 230VAC.
- Output ripple and noise: 1% max.

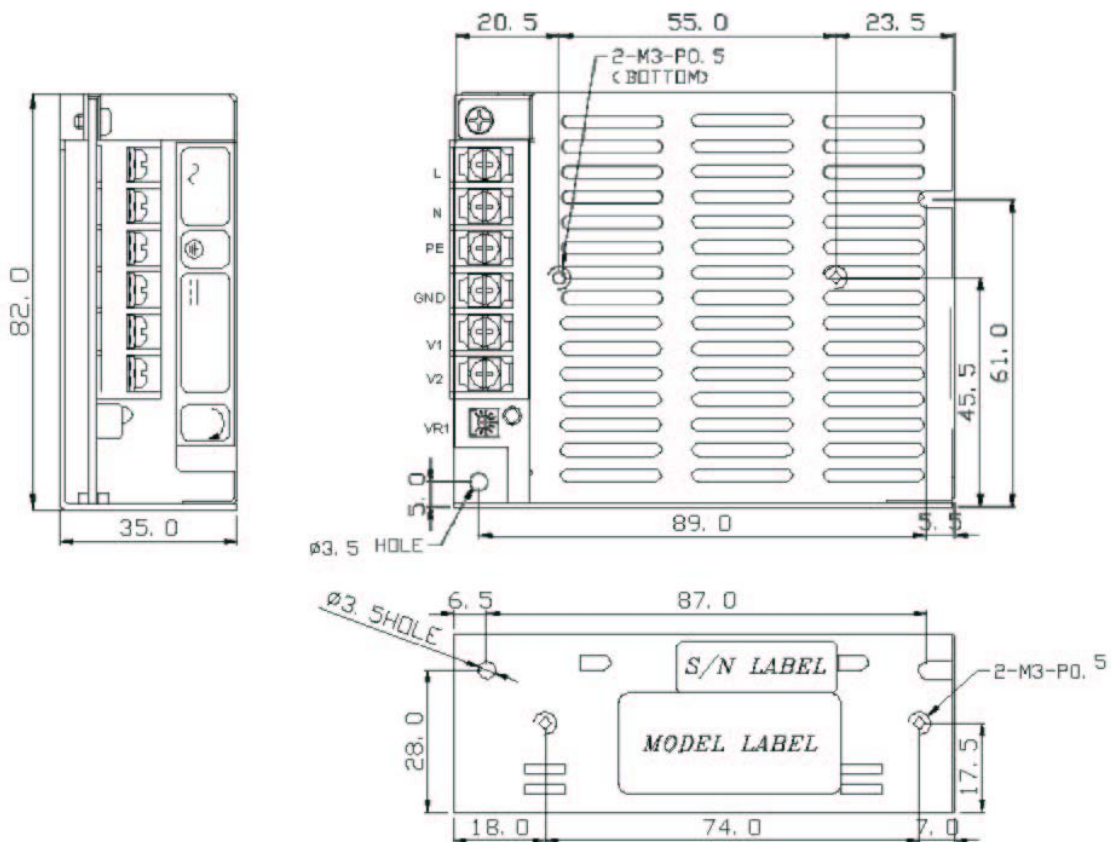
▶ ENVIRONMENTAL

- Operating Temperature: 0 to 70°C
- De-rate linearly from 45 to 70°C by 2.5%
- 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-HL6130A	5.0VDC 12.0VDC	0.3A - 4.0A 0.1A - 1.5A	3% 5%	35W	75%	50mV 120mV
▶ NSP-HL6130B	5.0VDC 24VDC	0.3A - 4.0A 0.1A - 1.3A	3% 5%	35W	75%	50mV 240mV
▶ NSP-HL6130C	12VDC -12VDC	0.3A - 1.5A 0.1A - 1.5A	2% 5%	35W	76%	120mV 120mV
▶ NSP-HL6130D	15.0VDC -15.0VDC	0.3A - 1.3A 0.1A - 1.3A	2% 5%	35W	76%	150mV 200mV

Dimension: (Unit: mm)



NOTES:

TERMINAL BLOCK: 6P, PITCH 8.25mm.