

3W Wall Mount type switching power supplies for I.T.E

DESCRIPTION

The HL-6111 series (Eng. P/N NSP-LT6111) of AC/DC switching mode power supplies provide 3 Watts of continuous output power. All supplies are UL 94V-1 mincompliant, include US, UK, Euro, and Australian Wall Mounts worldwide applications. All models meet FCC Part-15 class B and CISPR-22 class B emission Limits and are designed to comply with UL/c-UL(UL 60950-1), TUV/GS(EN 60950-1) and new CE requirements. All units are 100% burned in and tested.



FEATURES

- Wide Input Voltage 90 to 264 VAC, 47 to 63 Hz
- International Wall Mounts: US/Euro/UK/AUS
- Output Voltage Available from 3.3VDC through 12VDC
- Optional Output Connector
- Single Output
- Splash Proof
- Input Surge Current and Over Load Protection
- Over voltage protection (Crowbar Design)
- Power Consumption (No Load) < 0.5W
- Class I & II Insulation
- 2 year warranty

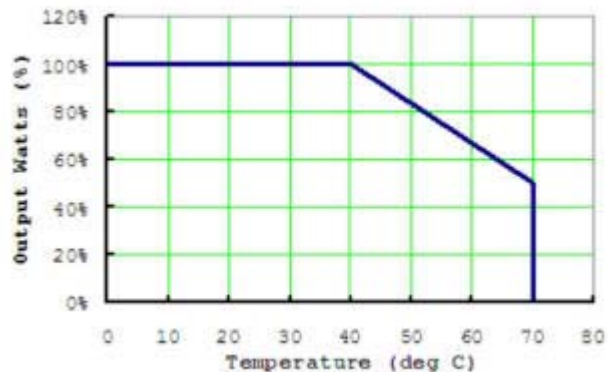


ELECTRICAL CHARACTERISTICS

- Efficiency: 88% max.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 16mS min.
- Output ripple and noise: 0.5% (Typ.).

ENVIRONMENTAL

- Operating Temperature: 0 to 70°C
- De-rate linearly from 100% load at 40°C to 50% load at 70°C
- Storage Temperature: -40 to 85°C
- Relative Humidity: 5 to 95%
- MTBF: 100,000 calculated hours.



OUTPUT VOLTAGE AND CURRENT RANGE

Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Safety
NSP-HL6111A	3.3VDC	0.90 A	5%	3W	UL/CUL, TUV-GS, CE, TUV-PSE, CEC-IV, CB, RoHS, Energy star
NSP-HL6111B	5VDC	0.60A	5%	3W	UL/CUL, TUV-GS, CE, TUV-PSE, CEC-IV, CB, RoHS, Energy star
NSP-HL6111C	5.2VDC	0.57A	5%	3W	UL/CUL, TUV-GS, CE, TUV-PSE, CEC-IV, CB, RoHS, Energy star
NSP-HL6111D	6VDC	0.50A	5%	3W	UL/CUL, TUV-GS, CE, TUV-PSE, CEC-IV, CB, RoHS, Energy star
NSP-HL6111E	7.5VDC	0.40A	5%	3W	UL/CUL, TUV-GS, CE, TUV-PSE, CEC-IV, CB, RoHS, Energy star
NSP-HL6111F	9VDC	0.33A	5%	3W	UL/CUL, TUV-GS, CE, TUV-PSE, CEC-IV, CB, RoHS, Energy star
NSP-HL6111G	12VDC	0.25A	4%	3W	UL/CUL, TUV-GS, CE, TUV-PSE, CEC-IV, CB, RoHS, Energy star

Mechanicals:

