



Características :

- Entrada VAC/VDC universal
- Proteção: Curto circuito / Sobre carga
- Ventilação: natural
- Indicação fonte ligada: LED
- Teste Burn-in 100%
- Garantia: 2 anos

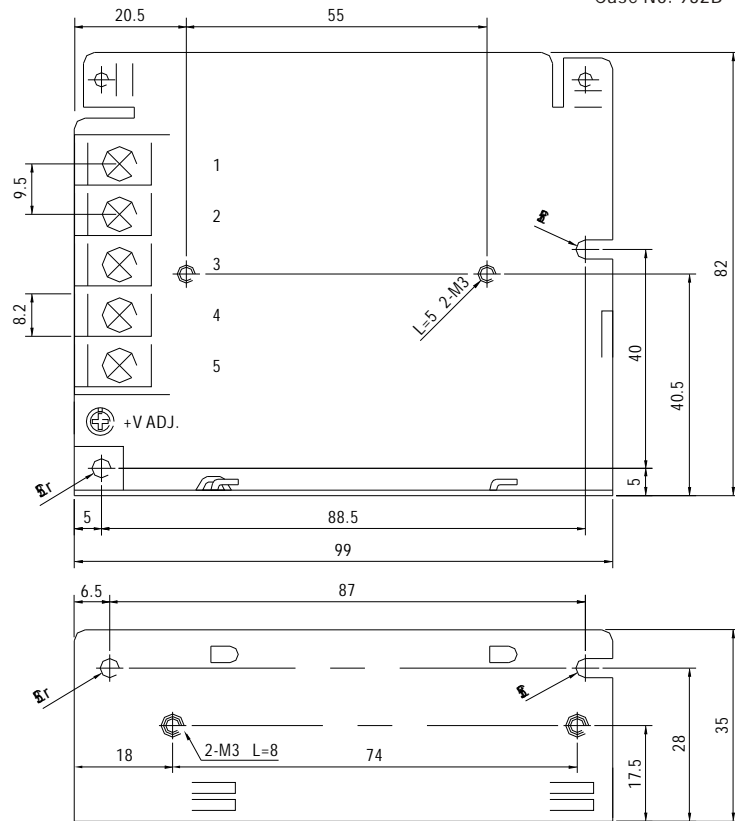


SPECIFICATION

MODEL	NES-25-5	NES-25-12	NES-25-15	NES-25-24	NES-25-48	
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	48V
	RATED CURRENT	5A	2.1A	1.7A	1.1A	0.57A
	CURRENT RANGE	0 - 5A	0 - 2.1A	0 - 1.7A	0 - 1.1A	0 - 0.57A
	RATED POWER	25W	25.2W	25.5W	26.4W	27.36W
	RIPPLE & NOISE (max.) Note.2	80mVp-p	120mVp-p	150mVp-p	200mVp-p	240mVp-p
	VOLTAGE ADJ. RANGE	4.75 - 5.5V	10.8 - 13.2V	13.5 - 16.5V	21.6 - 26.4V	43.2 - 52.8V
	VOLTAGE TOLERANCE Note.3	+/- 2.0%	+/- 1.0%	+/- 1.0%	+/- 1.0%	+/- 1.0%
	LINE REGULATION Note.4	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%
	LOAD REGULATION Note.5	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%	+/- 0.5%
	SETUP, RISE TIME	500ms, 30ms/230VAC 1200ms, 30ms/115VAC at full load				
HOLD TIME (Typ.)	50ms/230VAC 10ms/115VAC at full load					
INPUT	VOLTAGE RANGE	85 - 264VAC 120 - 370VDC				
	FREQUENCY RANGE	47 - 63Hz				
	EFFICIENCY (Typ.)	80%	83%	84%	86%	86%
	AC CURRENT (Typ.)	0.55A/115VAC 0.35A/230VAC				
	INRUSH CURRENT (Typ.)	COLD START 45A				
LEAKAGE CURRENT	<2mA / 240VAC					
PROTECTION	OVER LOAD	110 - 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed				
	OVER VOLTAGE	5.75 - 6.75V	13.8 - 16.2V	17.25 - 20.25V	27.6 - 32.4V	55.2 - 64.8V
ENVIRONMENT	WORKING TEMP.	-20 - +60°C (Refer to output load derating curve)				
	WORKING HUMIDITY	20 - 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-40 - +85°C, 10 - 95% RH				
	TEMP. COEFFICIENT	+/- 0.03% / °C (0 - 45°C)				
	VIBRATION	10 - 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
SAFETY & EMC (Note 6)	SAFETY STANDARDS	UL60950-1 Approved, CB Approved by TUV (Design refer to IEC 60950-1)				
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC				
	EMI CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) Class B				
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3				
OTHERS	MTBF	411.47Khrs min. MIL-HDBK-217F (25°C)				
	DIMENSION	99*82*35mm (L*W*H)				
	PACKING	0.3Kg: 45pcs/14Kg/ 0.83CUFT				
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Line regulation is measured from low line to high line at rated load. 5. Load regulation is measured from 0% to 100% rated load. 6. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.					

Mechanical Specification

Case No. 932B Unit:mm

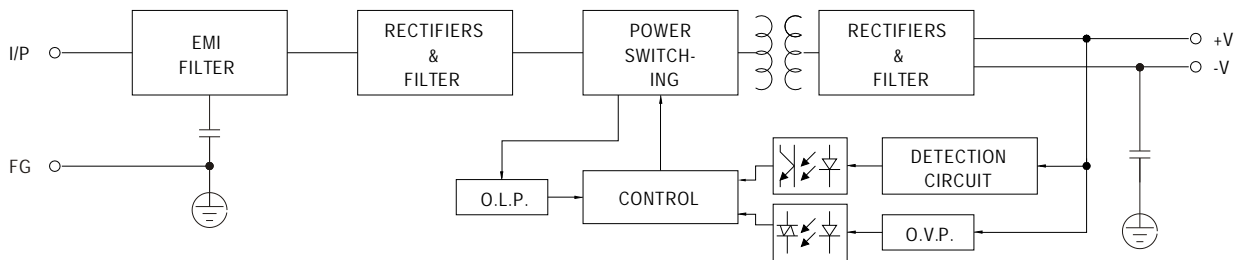


Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG		

Block Diagram

fosc : 60KHz



Output Derating

Output Derating VS Input Voltage

