



- Features :
- AC input selectable by switch
 - Protections: Short circuit/Over load
 - Cooling by free air convection
 - 100% full load burn-in test
 - Fixed switching frequency at 24KHz I/P-O/P:Rated

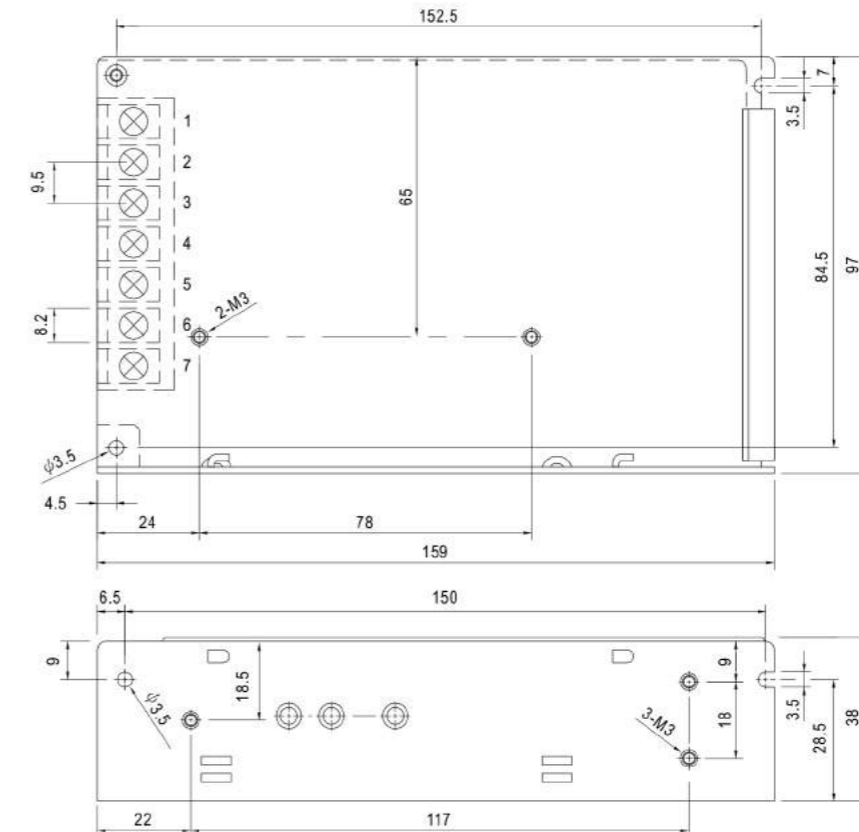


SPECIFICATION

MODEL	D-50A		D-50B		D-50C			
OUTPUT	DC VOLTAGE	5V	12V	5V	24V	12V	24V	
	RATED CURRENT	6A	2A	6A	1A	2A	1A	
	CURRENT RANGE	1 ~ 6A	0.3 ~ 2A	1 ~ 6A	0.2 ~ 1A	0.5 ~ 2A	0.2 ~ 1A	
	RATED POWER	54W		54W		54W		
	RIPPLE & NOISE (max.) Note.2	50mVp-p	100mVp-p	50mVp-p	100mVp-p	50mVp-p	100mVp-p	
	VOLTAGE ADJ. RANGE	CH1 : 4.75 ~ 5.5V		CH1 : 4.75 ~ 5.5V		CH1 : 4.75 ~ 5.5V		
	VOLTAGE TOLERANCE Note.3	±2.0%	+5,-8%	±2.0%	±8.0%	±2.0%	±8.0%	
	LINE REGULATION	±0.5%	±1.0%	±0.5%	±1.0%	±0.5%	±1.0%	
	LOAD REGULATION	±0.5%	±5.0%	±0.5%	±8.0%	±0.5%	±8.0%	
	SETUP, RISE, HOLD TIME	200ms, 100ms, 20ms at full load						
INPUT	VOLTAGE RANGE	85 ~ 132VAC/170 ~ 264VAC selected by switch					240 ~ 370VDC	
	FREQUENCY RANGE	47 ~ 63Hz						
	EFFICIENCY(Typ.)	73%		73%				
	AC CURRENT	1.3A/115VAC		0.65A/230VAC				
	INRUSH CURRENT(max.)	COLD START 18A/115VAC		36A/230VAC				
LEAKAGE CURRENT	<0.5mA / 240VAC							
PROTECTION	OVER LOAD	105 ~ 150% rated output power Protection type : Fold back current limiting, recovers automatically after fault condition is removed						
	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)						
ENVIRONMENT	WORKING HUMIDITY	20 ~ 90% RH non-condensing						
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH						
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C) on +5V output						
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes						
SAFETY & EMC	SAFETY STANDARDS	Design refer to UL1012						
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC 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						
OTHERS	EMI CONDUCTION & RADIATION	Design refer to FCC Part15 J Conduction						
	MTBF	408.9K hrs min. MIL-HDBK-217F (25°C)						
NOTE	DIMENSION	159*97*38mm (L*W*H)						
	PACKING	0.53Kg; 24pcs/13.6Kg/0.75CUFT						
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.								

■ Mechanical Specification

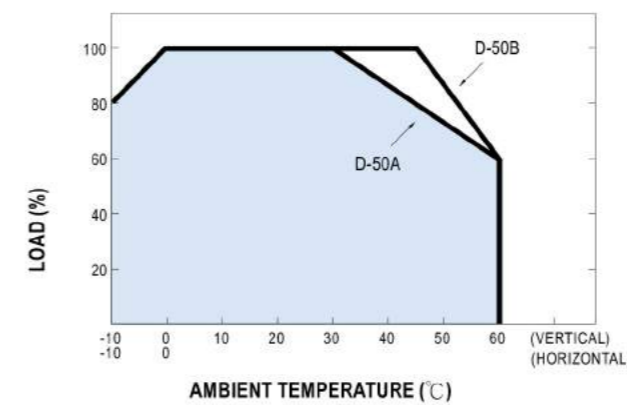
Case No. 901 Unit:mm



Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT +V2
2	AC/N	5,6	DC OUTPUT COM
3	FG	7	DC OUTPUT +V1

■ Output Derating



■ Static Characteristics (B)

