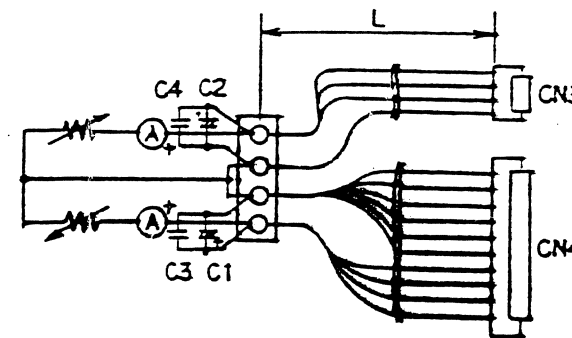


SPECIFICATIONS

Items	Model	ZD75-0524		ZD75-0512		ZD75-0824		ZD75-0024		
		V1	V2	V1	V2	V1	V2	V1	V2	
1	Nominal Output Voltage	V	5	24	5	12	8	24	—	24
2	Minimum Output Current	A	0.5	0.8	0.5	0.8	0.5	0.8	—	0.2
3	Average Output Current	A	3	2	3	3	2	2	—	2
4	Peak Output Current (*1)	A	6	3	6	4	4	3	—	3
5	Average Output Power/CH	W	15	48	15	36	16	48	—	48
6	Average Output Power	W	63		51		64		48	
7	Peak Output Power/CH (*1)	W	30	72	30	48	32	72	—	72
8	Peak Output Power (*1)	W	75		75		75		72	
9	Efficiency (Typ) (*2)	%	75		73		77		77	
10	Input Voltage Range (*3)	—	85-132VAC / 170-265VAC (47-440Hz) or 230-330VDC							
11	Input Current (Typ) (*2)	A	1.4A at 100VAC / 0.7A at 200VAC							
12	In-rush Current (Typ) (*4)	A	30A at 100/200VAC							
13	Output Voltage Range	—	V1 ±5% ; V2 Fixed				—		± 5%	
14	Maximum Ripple & Noise (*10)	mV	120	480	120	240	160	480	—	480
15	Maximum Line Regulation (*5,10)	—	± 5%							
16	Maximum Load Regulation (*6,10)	—	± 5%		± 10%		± 5%		± 10%	
17	Maximum Temperature Drift(*7,10)	—	± 5%							
18	Over Current Protection (*8)	—	105%~							
19	Over Voltage Protection (*9)	—	110 ~ 135% (V1), 135 ~ 160% (V2)				110-135% (V2)			
20	Hold-Up Time (Typ) (*2)	ms	20							
21	Operating Temperature (*11)	°C	-10 ~ +60							
22	Operating Humidity	—	30 ~ 90% RH (No dewdrop)							
23	Storage Temperature	°C	-30 ~ +85							
24	Storage Humidity	—	10 ~ 90% RH (No dewdrop)							
25	Cooling	—	Convection cooled							
26	Withstand Voltage	—	Input-FG 2.5KVAC Input-Output 3.75KVAC 1MIN (Leakage current limited 20mA)							
27	Isolation Resistance	—	More than 100MΩ at 25°C and 70%RH Output-FG 500VDC							
28	Vibration	G	10-55Hz Amplitude(sweep 1min) Less than 2G X,Y,Z 1h each							
29	Shock	G	Less than 20G							
30	Weight	g	350				330			
31	Size (W.H.D)	mm	79.40.175		Refer to Outline Drawing					

NOTES

- * 1 : Operating time at peak output is less than 5 sec.
- * 2 : At 100VAC / 200VAC & Average output power.
- * 3 : For cases where conformance to various safety specs (UL,CSA,VDE) are required, to be described as 100-120VAC, 200-240VAC, 50/60Hz on name plate.
- * 4 : Typical value on cold start, Ta=25°C.
- * 5 : From 85-132VAC or 170-265VAC, constant load.
- * 6 : From Min load ~ Full load(Average current and power), constant input voltage.
- * 7 : From -10-50°C,constant input voltage and load.
- * 8 : Current limiting with automatic recovery.
Avoid to operate over load or dead short for a long time.
- * 9 : OVP circuit will shutdown all outputs, manual reset.
- * 10 : Please refer to Fig. A for measurement determination of line & load regulation and output ripple voltage.
- * 11 : Ratings - Refer to Derating Curve on the right. (At standard mounting method, Fig B.)
- Load (%) is percent of Average output power or Average current, whichever is greater.
- Refer to instruction manual for further mounting details.



L=150(mm) AWG #20

C1 : Electrolytic Cap. 1000uF

C2 : Electrolytic Cap. 100uF

C3,C4 : Film Cap. 0.1uF

Bandwidth of scope : 100MHz
(JEITA RC-9131 probe)

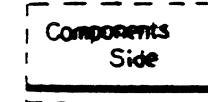


Fig. B

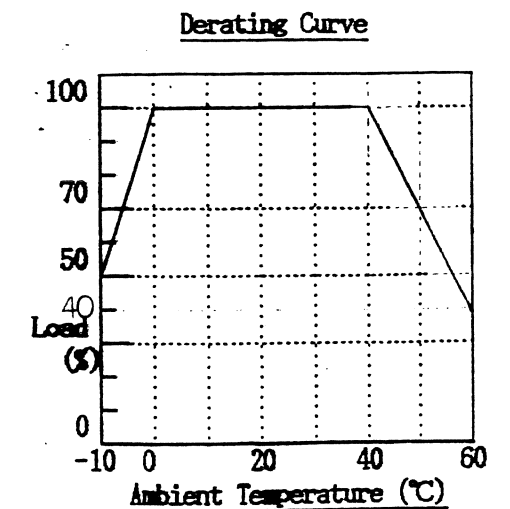


Fig. A