

Date : Apr.1,2003

Temperature increase of main components: 主要部品温度上昇

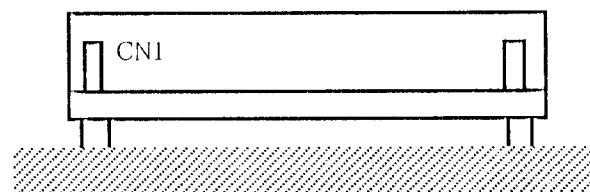
Model: LDA75F

1. Conditions

- (1) Input : AC 85 ~ 264V
- (2) Output : Rated output
- (3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			3V	9V	18V	30V				
1	Line Filter	L11	26	40	58	42			120	
2	Rectifier(Input)	SS11	65	74	67	74			150	Junction Temp.
3	Input Capacitor	C12	25	34	31	33			105	
4	Input Capacitor	C13	29	34	33	34			105	
5	Switching Transistor	TR31	66	70	64	66			150	Junction Temp.
6	Transformer	T11	45	52	56	54			120	
7	Rectified Diode(Output)	SS51	69	73	66	64			150	Junction Temp.
8	Rectified Diode(Output)	SS52	67	73	–	–			150	Junction Temp.
9	Output Choke	L51	55	49	43	46			120	
10	Output Capacitor	C52	35	38	32	30			105	
11	Output Capacitor	C53	26	32	27	26			105	
12										
13										
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17										
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(Side view)

Fig.1.1 Mounting method
(Normal position)