

Date : Sep.1,1999

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

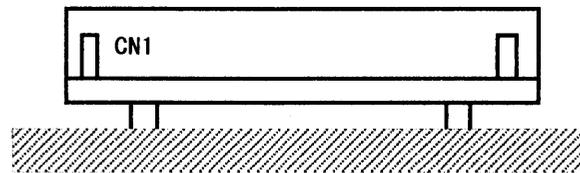
Model : LCA10S

1. Conditions

- (1) Input : AC 85 ~ 132 [V]
- (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]							
			5V	12V	15V	24V				
1	Line Filter	L11	46	46	46	51			120	
2	Rectifier(Input)	SS11	35	36	36	39			125	Junction Temp.
3	Input Capacitor	C12	16	17	17	15			105	
4	Switching Transistor	TR12	63	57	65	58			150	Junction Temp.
5	Transformer	T11	40	37	35	35			120	
6	Rectified Diode(Output)	D52	74	55	51	52			150	Junction Temp.
7	Output Capacitor	C52	36	26	24	22			105	
8	Output Capacitor	C53	26	-	-	-			105	
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(Side view)

Fig. 1.1 Mounting method
(Normal position)