

Date : Dec.7,1999

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

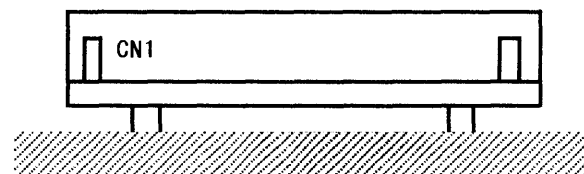
Model : LCA15S

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 ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			5V	12V	15V	24V				
1	Rectifier(Input)	L11	54	58	57	58			120	
2	Rectifier(Input)	SS11	51	47	47	48			125	Junction Temp.
3	Input Capacitor	C12	20	15	20	21			105	
4	Switching Transistor	TR12	52	49	56	59			150	Junction Temp.
5	Transformer	T11	52	46	45	42			120	
6	Rectified Diode(Output)	SS51	70	56	53	42			150	Junction Temp.
7	Output Capacitor	C52	35	23	24	20			105	
8	Output Capacitor	C53	36	20	19	-			105	
9										
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(Side view)

Fig. 1.1 Mounting method  
(Normal position)