

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

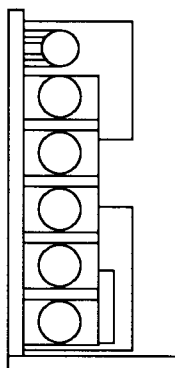
Model : R50A

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	44	35	32	33			120	
2	Rectifier(Input)	SS11	61	53	55	54			150	Junction temp.
3	Input capacitor	C14	31	30	32	29			105	
4	Switching transistor	TR21	49	53	53	51			150	Channel temp.
5	Capacitor(Control circuit)	C23	24	21	22	22			105	
6	Transformer	T11	57	55	53	54			120	
7	Rectified diode(Output)	SS51	47	50	51	42			125	Junction temp.
8	Output capacitor	C53	25	18	18	17			105	
9	Output capacitor	C54	23	18	18	17			105	
10										
11										
12										
13										
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20										



(Front view)

Fig. 1.1 Mounting method
(Normal position)