

Date : Jun.2,2009

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

Model: SCHA/SCDA10000T-48

1. Conditions

- (1) Input : AC 160 ~ 264 [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]						
			48V						
1	Rectifier(Input)	SS101	44				150	Junction Temp.	
2	Line Filter	L101	28				120		
3	Choke Coil(Pfc)	L104	27				120		
4	Transistor(Pfc)	TR108	32				150	Junction Temp.	
5	Diode(Pfc)	SS105	42				150	Junction Temp.	
6	Transistor(Dc-Dc)	TR304	38				150	Junction Temp.	
7	Transformer	T302	34				130		
8	Rectified Diode(Output)	SS601	53				150	Junction Temp.	
9	Output Choke	L652	24				120		
10	Input Capacitor	C179	10				105		
11	Output Capacitor	C636	10				105		
12									
13									
14									
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19									
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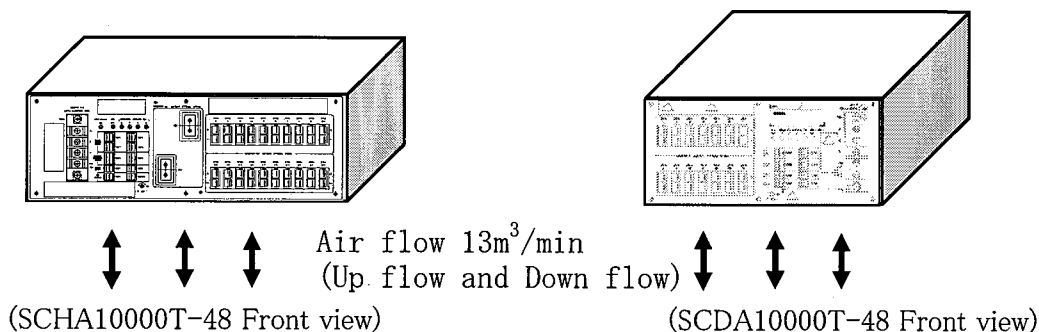


Fig.1.1 Mounting method  
(Normal position)