

Date : Dec.26,2003

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

Input Module for ACE Series

Model : ACP300F380,ACP450F380,ACP650F380,ACP900F380

## 1 . Conditions

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

## 2 . Result

	Parts name	Symbol No.	Increase ( $T$ ) [deg]				Rated temp. [ ]	Reference
			Input Module					
			ACE300F (ACP300F380)	ACE450F (ACP450F380)	ACE650F (ACP650F380)	ACE900F (ACP900F380)		
1	Line Filter	L101	-	-	-	39	120	
2	Line Filter	L102	47	12	18	-	120	
3	Rectifier(Input)	SS101	54	54	66	66	150	Junction Temp.
4	Thyristor	SCR151	35	26	51	51	125	Junction Temp.
5	Choke Coil(Pfc)	L105	31	41	17	23	120	
6	Transistor(Pfc)	TR105	50	49	50	56	150	Junction Temp.
7	Input Capacitor	C125	8	-	-	5	105	
8	Input Capacitor	C126	-	8	8	-	105	
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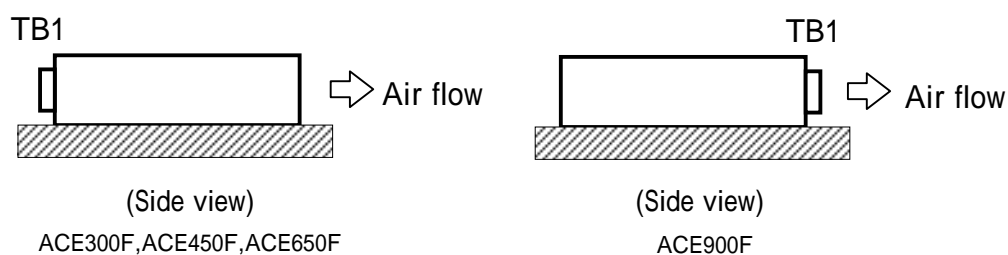


Fig.1.1 Mounting method  
(Normal position)